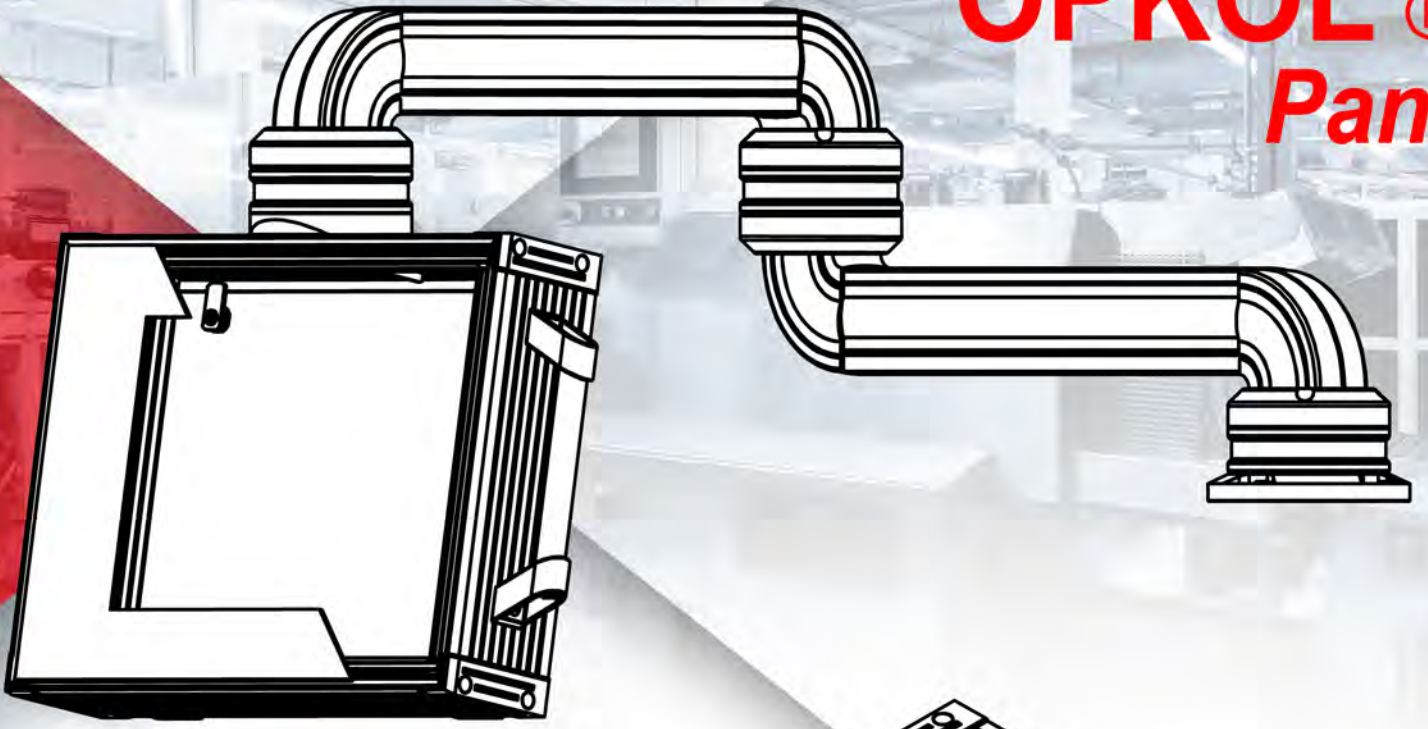
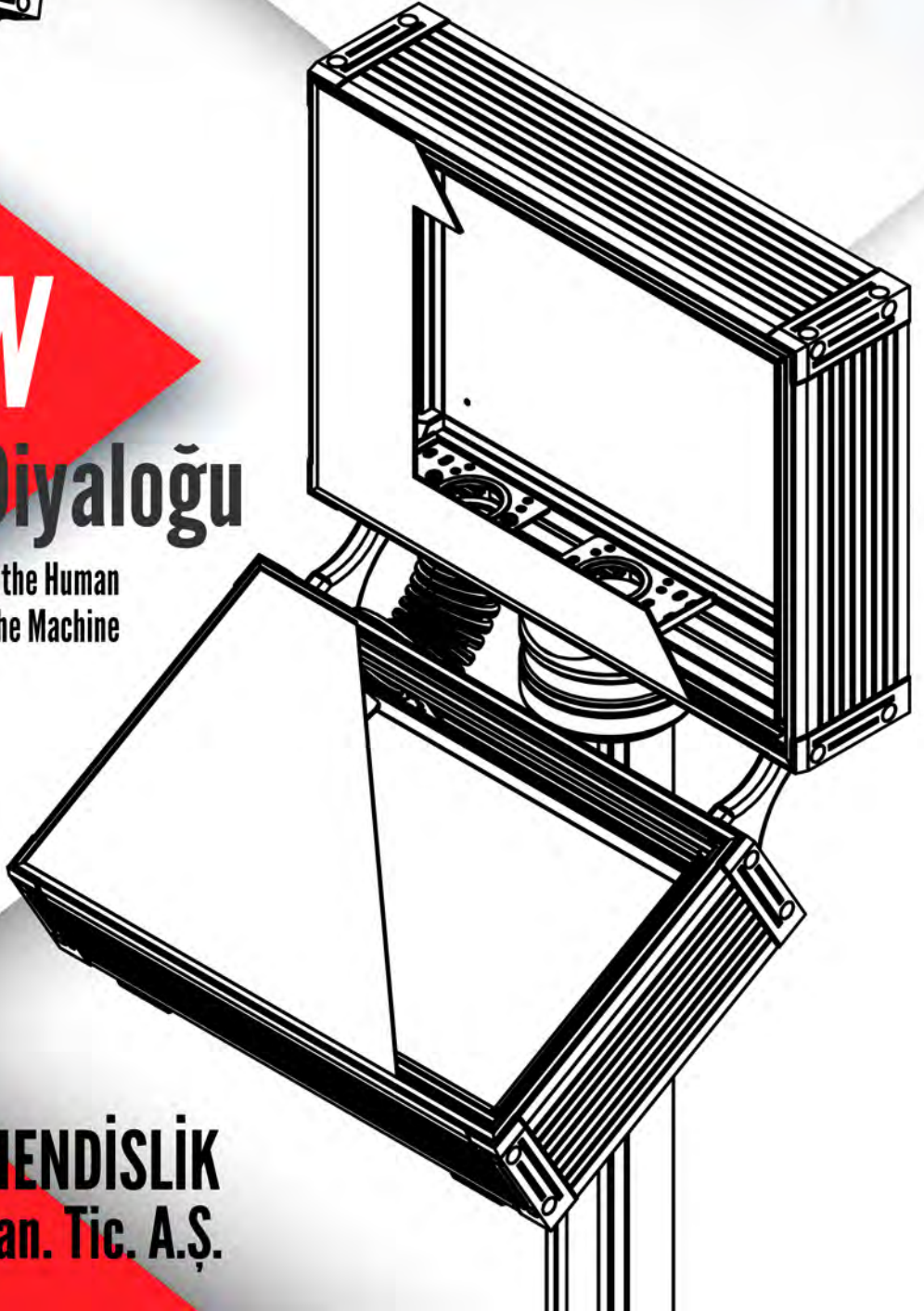


OPKOL®
Pano

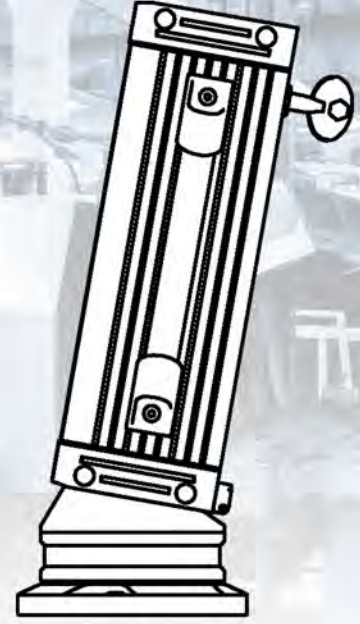
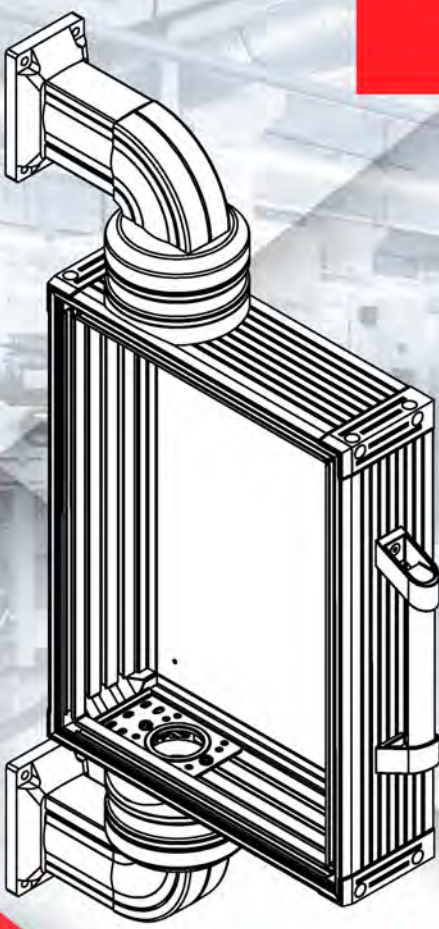


İNSAN **Makine Diyalogu**

Communication Between the Human
and the Machine



TURAN MÜHENDİSLİK
ve Elektrik San. Tic. A.Ş.



ÖNEMLİ BİLGİ

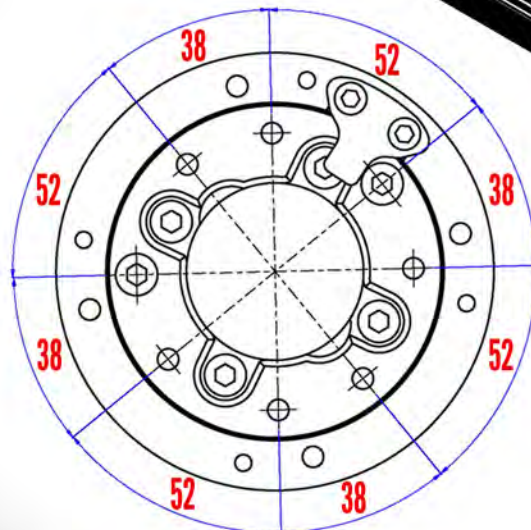
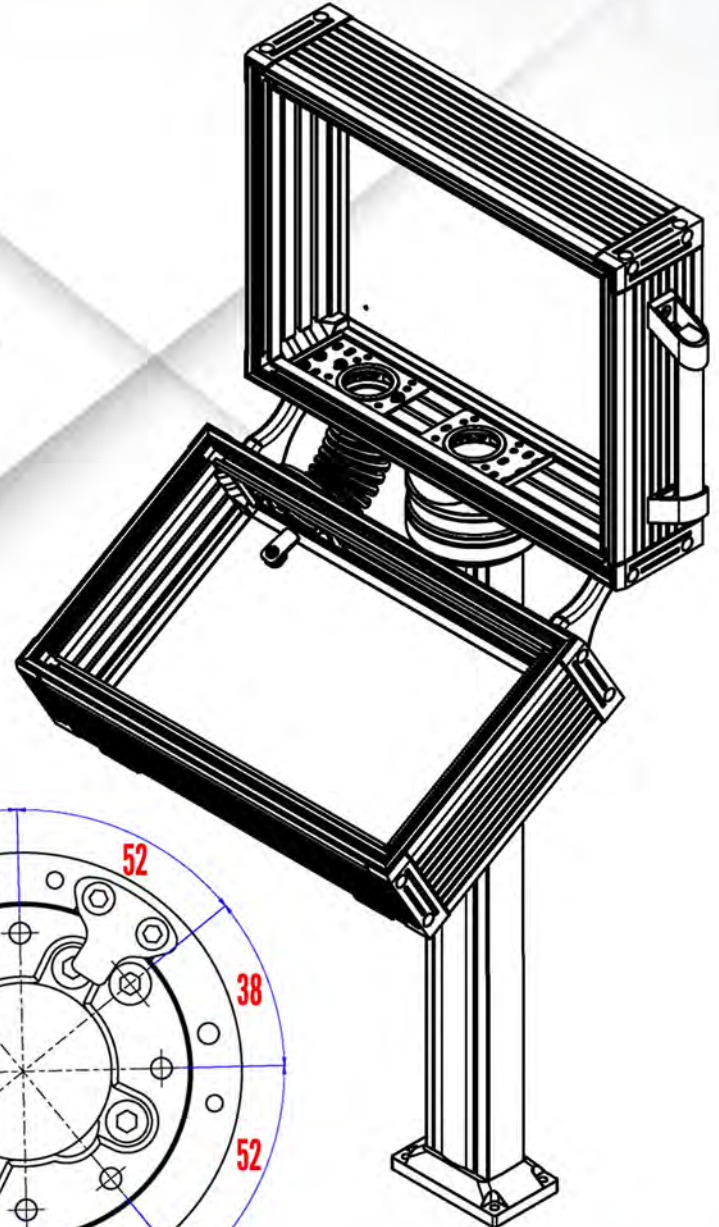
Bu ürünlerin üretiminde metal enjeksiyon press döküm tekniği kullanılmamıştır. 6000 Series alüminyum talaşlı imalat tercih edilmiştir. Kırılma ve sarkma yapmaz. Uygulamalarınızda güvenle kullanabilirsiniz.

Important Information :

Metallic injection press casting technique is not used in producing of these products. 6000 series aluminium machining production is preferred. No splitting or sagging, you can safely use in your implementations.

Hareketli modüllerde dönüş kabiliyetini sınırlandırma özelliği

Delimitting of swing ability feature in moving modules.



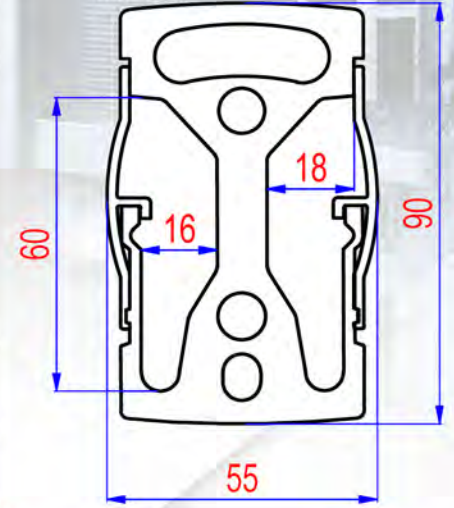
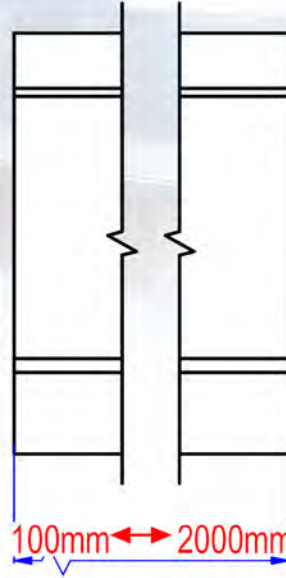
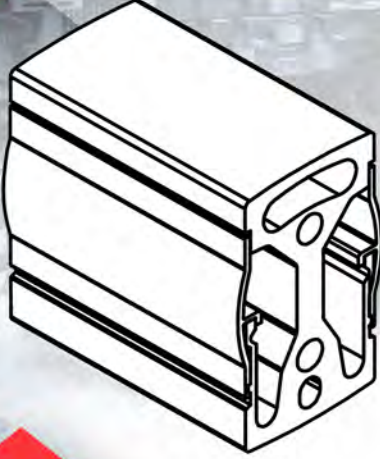
Kablo Yoğunluğu Fazla, Uzun Konfigürasyonlar, Ağır Yükler için,
For long configurations with dense cables, heavy goods,

OPKOL XL Endüstriyel Seri Industrial Series

XL TP KABLO KANALI

Yan plastik kapaklarının açılır olması, kabloların görerek döşenmesini sağlar.

Cable Channel
A the plastic covers on the sides can be opened, that makes cables visible to be laid.



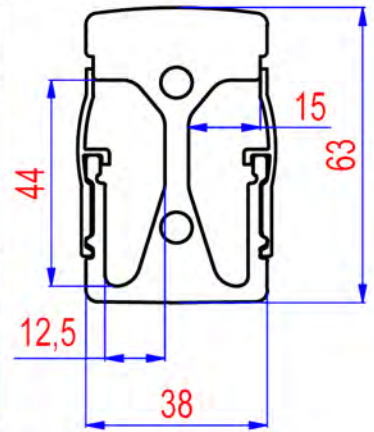
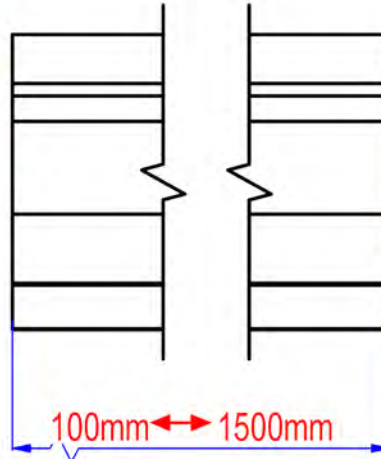
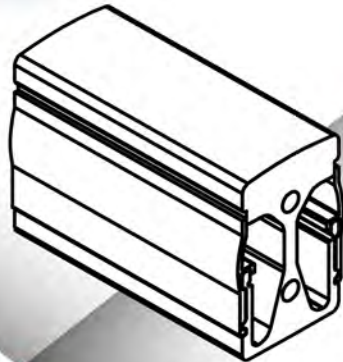
Kablo Yoğunluğu Az, Kısa Konfigürasyonlar, Hafif Yükler için,
For short configurations with less dense cables, lightweight goods,

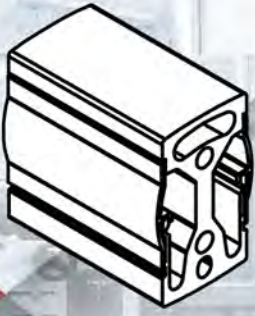
OPKOL L Endüstriyel Seri Industrial Series

L TP KABLO KANALI

Yan plastik kapaklarının açılır olması, kabloların görerek döşenmesini sağlar.

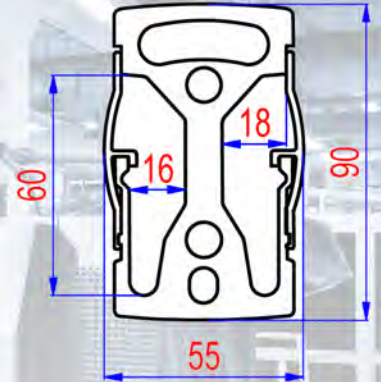
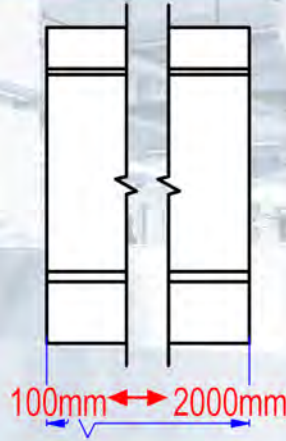
Cable Channel
A the plastic covers on the sides can be opened, that makes cables visible to be laid.



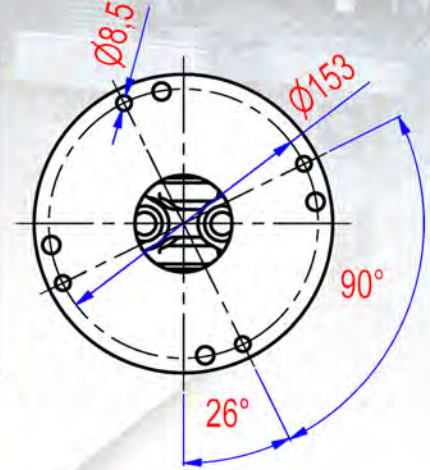
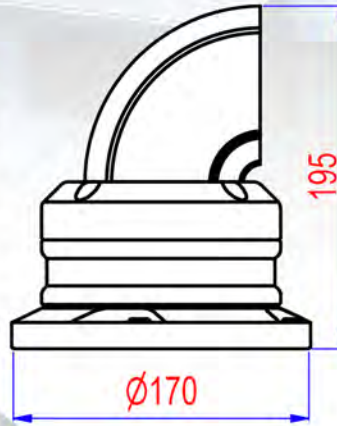


TP
KABLO KANALI
Cable Channel

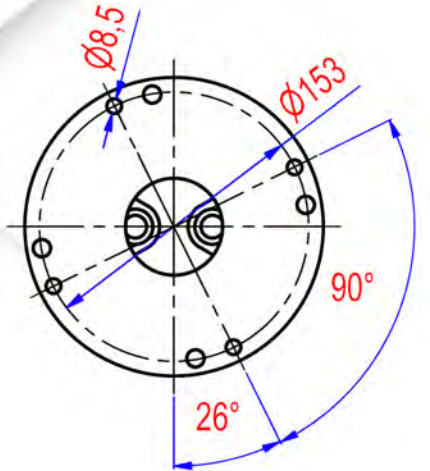
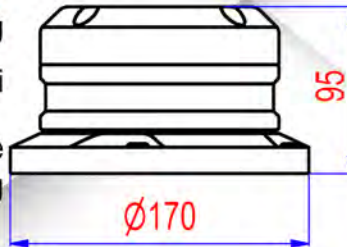
Yan plastik kapaklarının
açılır olması, kabloların
görerek döşenmesini sağlar



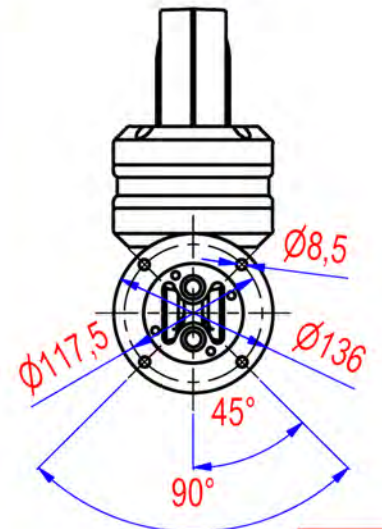
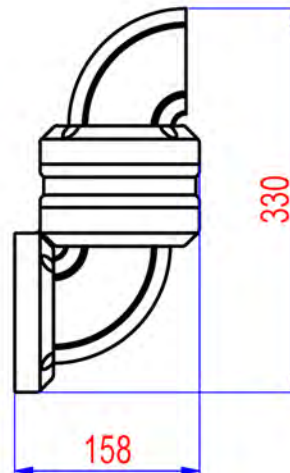
MB1
MAKİNE BAĞLANTI MODÜLÜ
Hareketli
The Machine Flange Module
Moving



MB2
MAKİNE BAĞLANTI MODÜLÜ
Hareketli
The Machine Flange Module
Moving



MB3 YATAY
MAKİNE BAĞLANTI MODÜLÜ
Hareketli
Horizontal
The Machine Flange Module
Moving

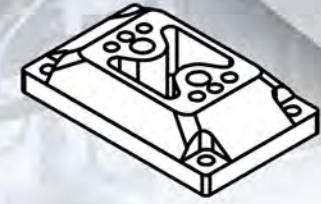
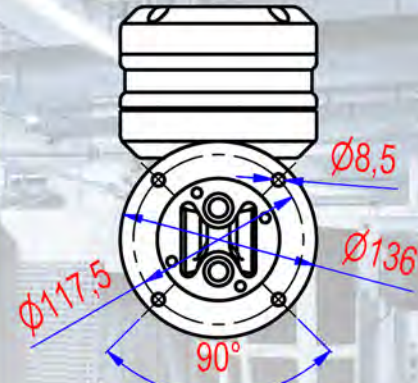
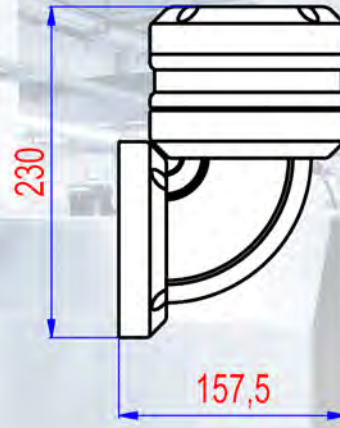




MB3 Dikey

MAKİNE BAĞLANTI MODÜLÜ

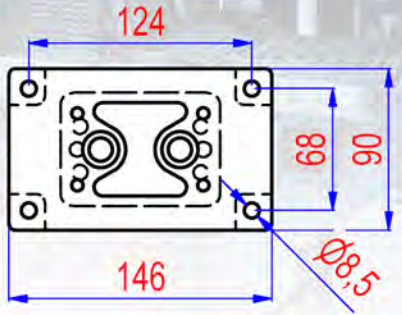
Hareketli
Vertical
The Machine Flange Module
Moving



MB4

MAKİNE BAĞLANTI APARATI

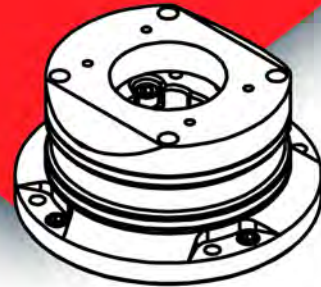
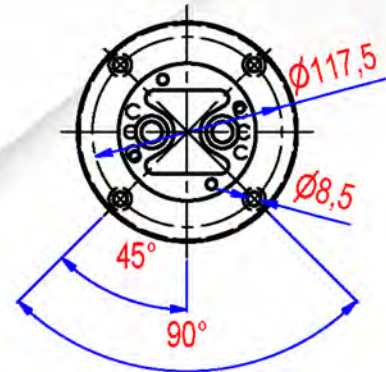
Sabit
Machine Flange Aparatus
Fixed



MB5

MAKİNE BAĞLANTI APARATI

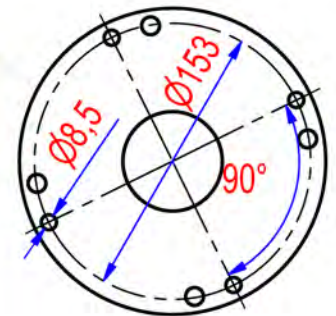
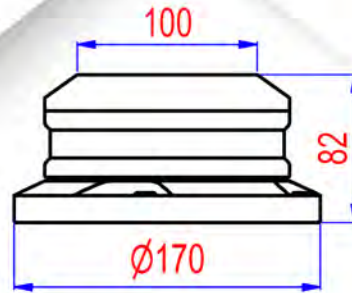
Sabit
Machine Flange Aparatus
Fixed



MB6

MAKİNE ve PANO BAĞLANTI MODÜLÜ

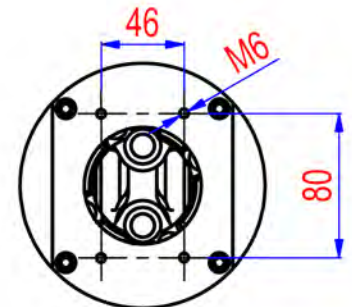
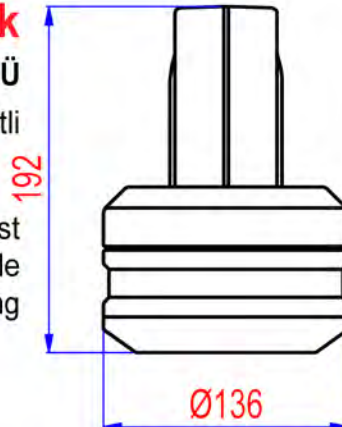
Hareketli
Machine and Panel Flange
Module
Moving



PBM Direk

PANO BAĞLANTI MODÜLÜ

Hareketli
Mast
Panel Flange Module
Moving

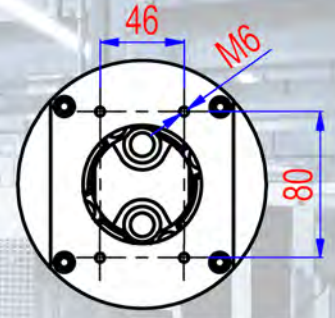
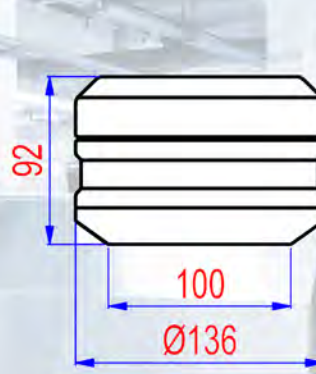




PBM UZATMALI
PANO BAĞLANTI MODÜLÜ

Hareketli

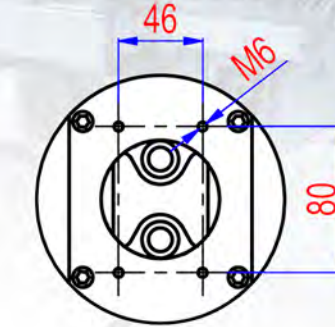
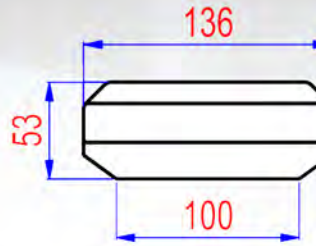
Prolonged
Panel Flange Module
Moving



PBM
PANO BAĞLANTI APARATI

Sabit

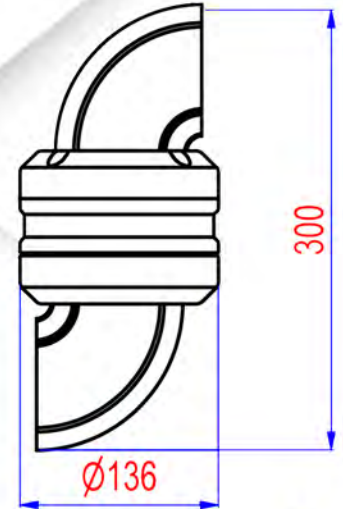
Panel Flange Apparatus
Fixed



YATAY MAFSAL

Hareketli

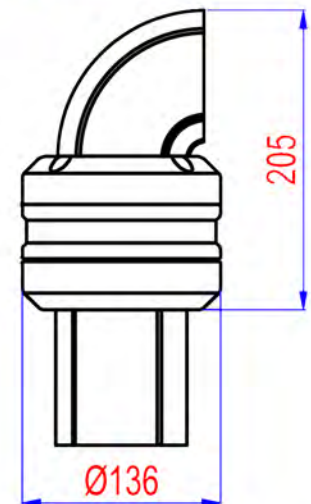
Horizontal Joint
Moving



TEPE MAFSAL

Hareketli

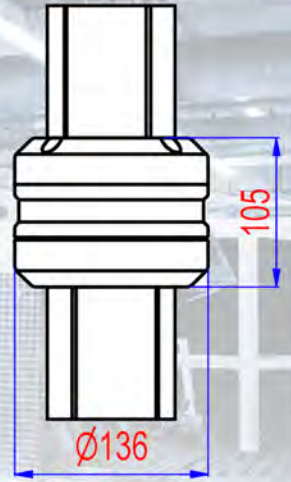
Peak Joint
Moving





Dikey Mafsal

Hareketli
Vertical Joint
Moving



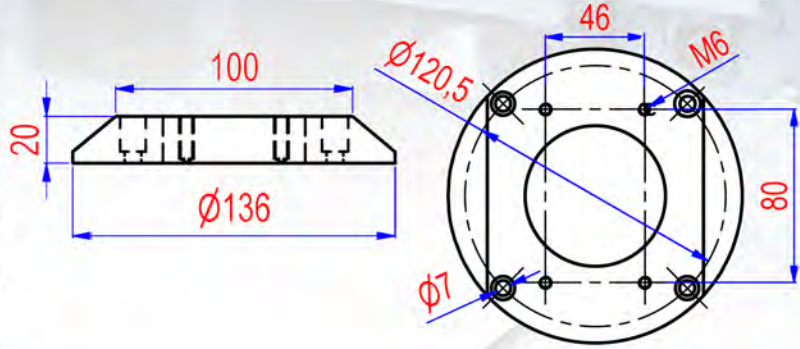
Düşürücü

MAKİNE ve PANO BAĞLANTI

APARATI

Sabit

Reducer
Panel and Machine
Flange Apparatus
Fixed



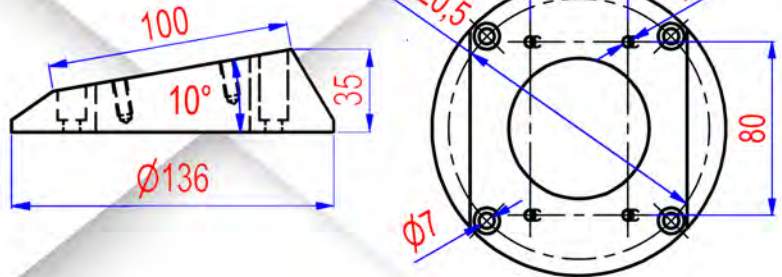
10°

MAKİNE ve PANO BAĞLANTI

APARATI

Sabit

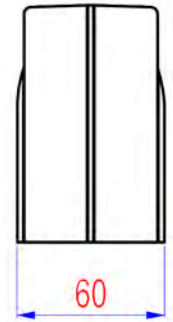
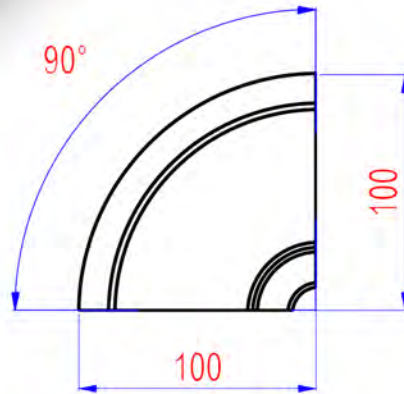
Panel and Machine
Flange Apparatus
Fixed



DE 90°

DÖNÜŞ APARATI

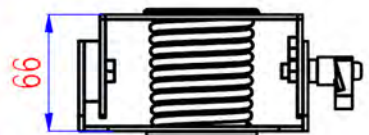
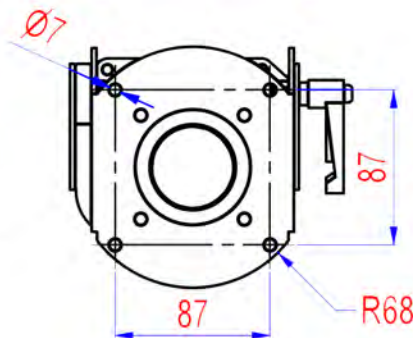
Swing Apparatus

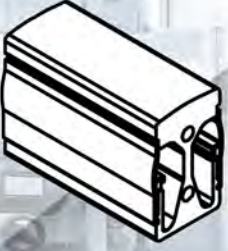


KÖRÜKLÜ

MAKİNE VE PANO
BAĞLANTI APARATI

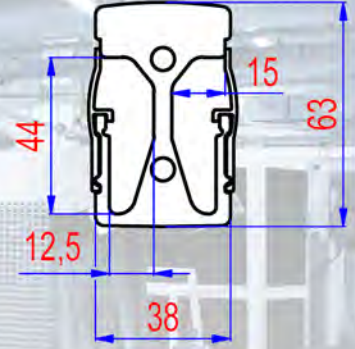
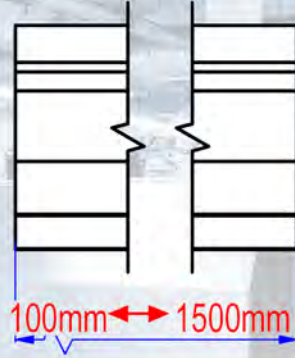
Bellows
Machine and Panel
Flange Apparatus



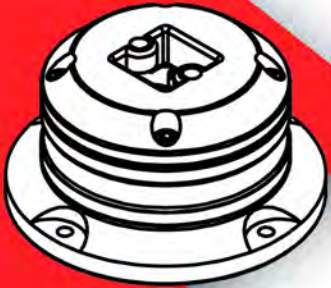
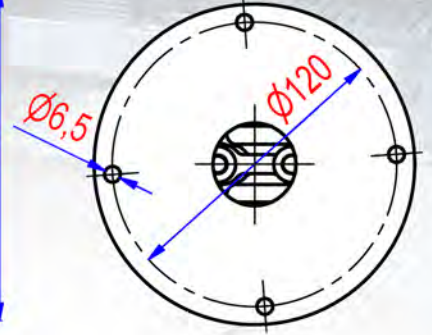
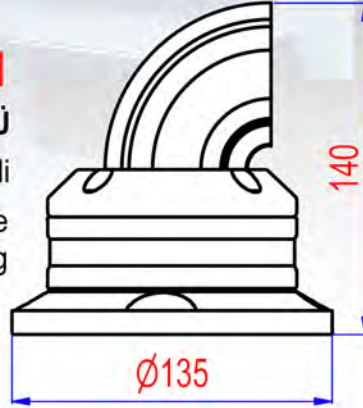


TP
KABLO KANALI
Cable Channel

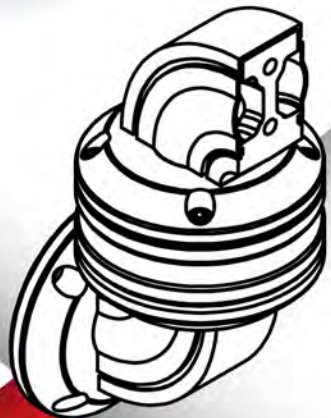
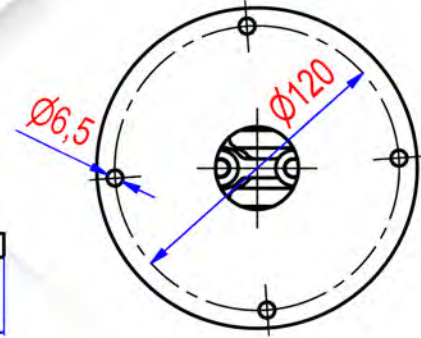
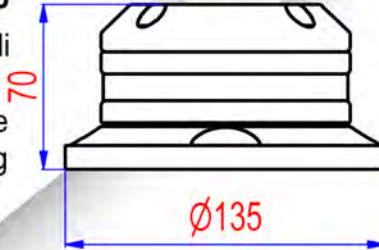
Yan plastik kapaklarının açılır olması, kabloların görerek döşenmesini sağlar.



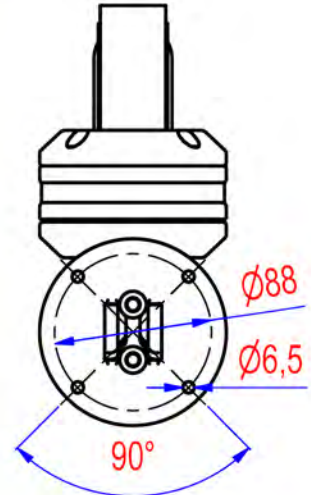
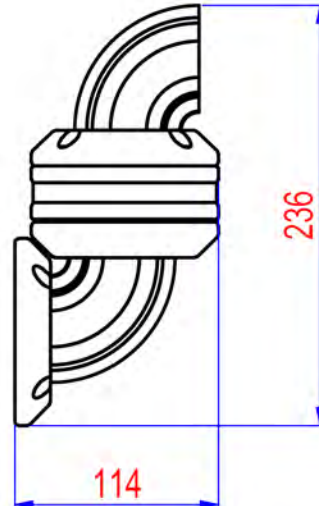
MB1
MAKİNE BAĞLANTI MODÜLÜ
Hareketli
The Machine Flange Module Moving



MB2
MAKİNE BAĞLANTI MODÜLÜ
Hareketli
The Machine Flange Module Moving



MB3 Yatay
MAKİNE BAĞLANTI MODÜLÜ
Hareketli
Horizontal
The Machine Flange Module Moving

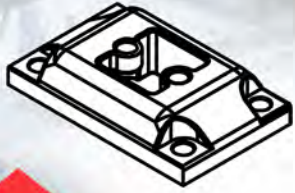
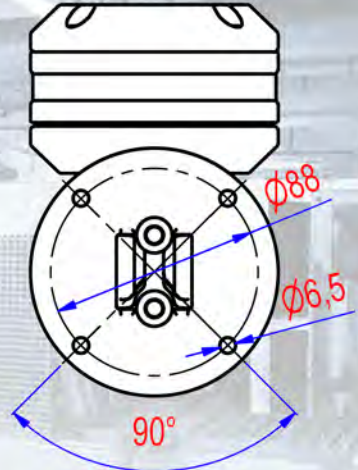
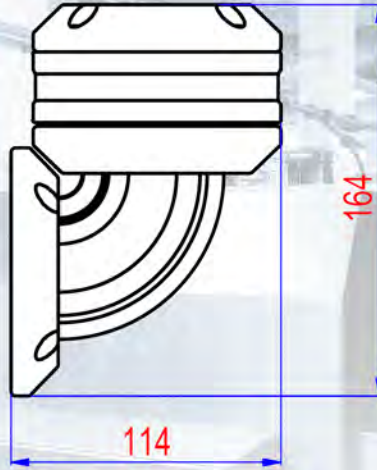




MB3 Dikey
MAKİNE BAĞLANTI MODÜLÜ

Hareketli

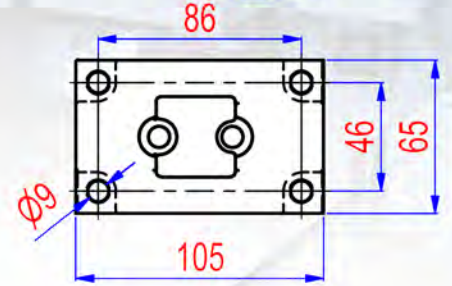
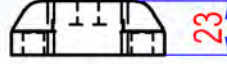
Vertical
The Machine Flange Module
Moving



MB4
MAKİNE BAĞLANTI APARATI

Sabit

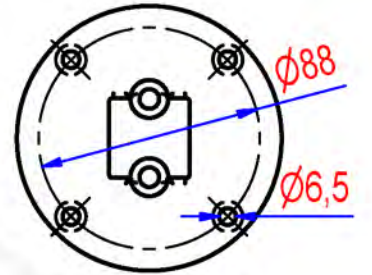
Machine Flange Apparatus
Fixed



MB5
MAKİNE BAĞLANTI APARATI

Sabit

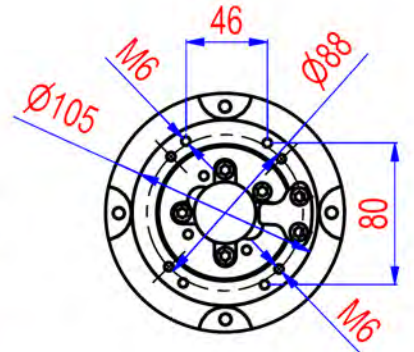
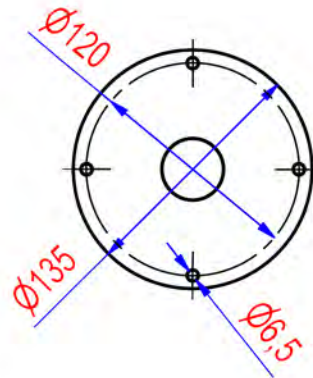
Machine Flange Apparatus
Fixed



MB6
MAKİNE ve PANO
BAĞLANTI MODÜLÜ

Hareketli

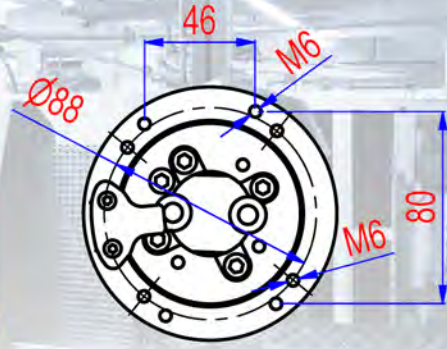
Machine and Panel
Flange Module
Moving





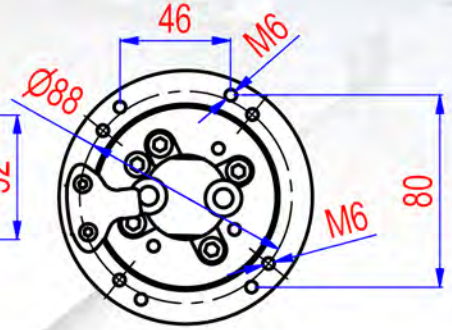
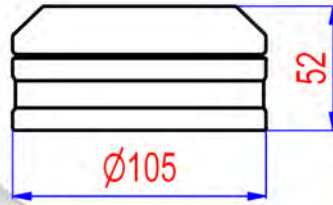
PBM Direk PANO BAĞLANTI MODÜLÜ

Hareketli
Mast
Panel Flange Module
Moving



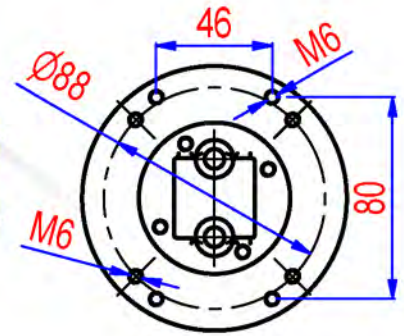
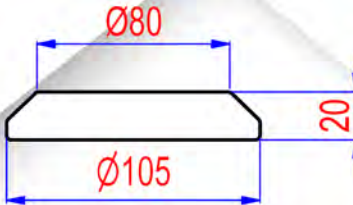
PBM Uzatmalı PANO BAĞLANTI MODÜLÜ

Hareketli
Prolonged
Panel Flange Module
Moving



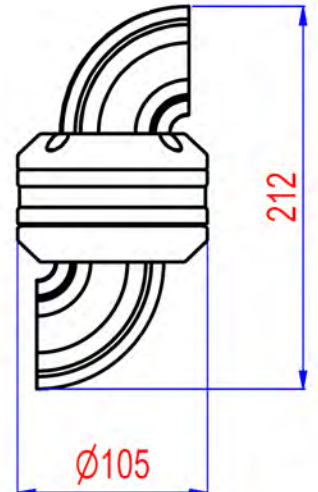
PBM PANO BAĞLANTI APARATI

Sabit
Panel Flange Apparatus
Fixed



YATAY Mafsai

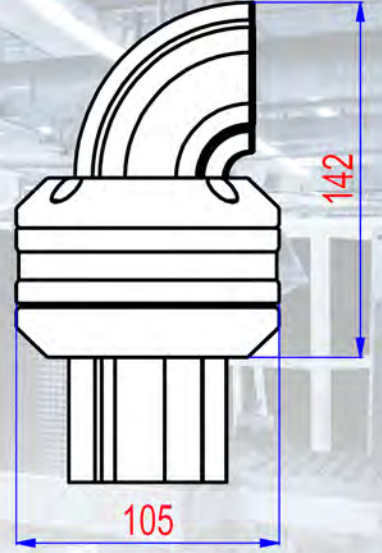
Hareketli
Horizontal Joint
Moving



Tepe Mafsal

Hareketli

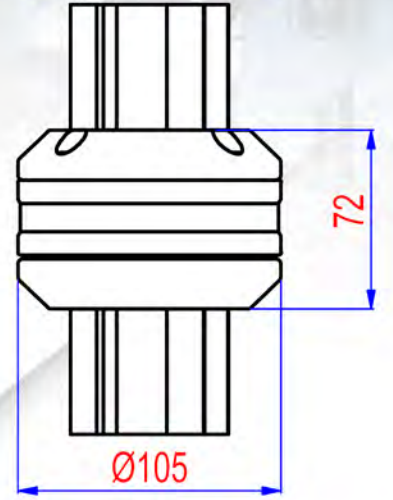
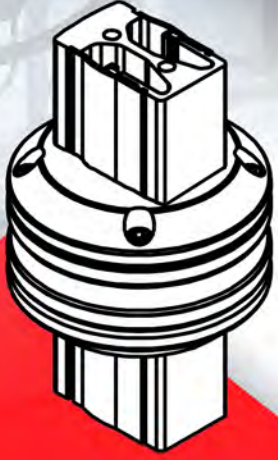
Peak Joint
Moving



Dikey Mafsal

Hareketli

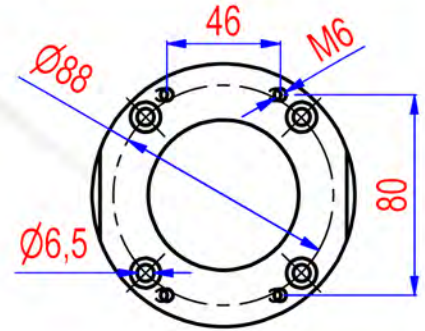
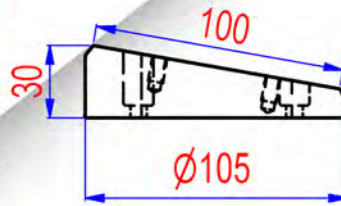
Vertical Joint
Moving



10° PANO ve MAKİNE BAĞLANTI APARATI

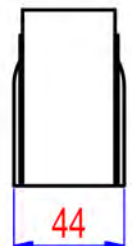
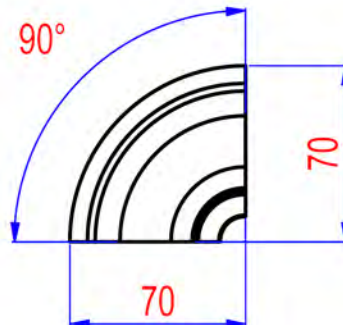
Sabit

Panel and Machine
Flange Apparatus
Fixed

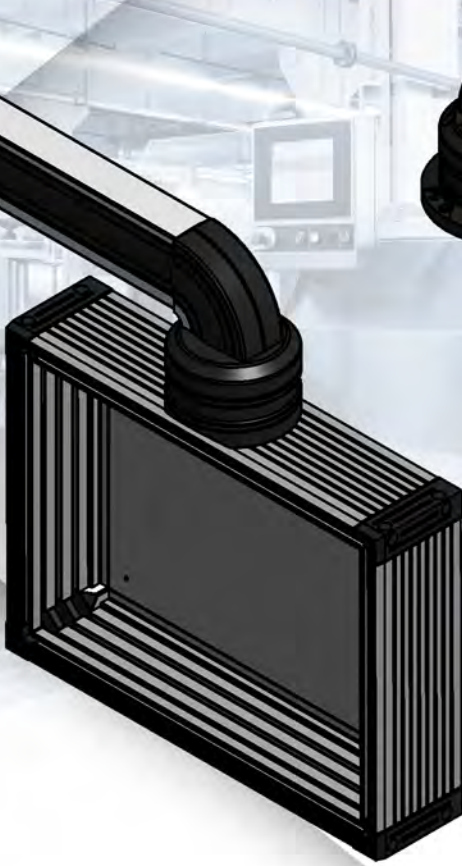


DE 90° DÖNÜŞ APARATI

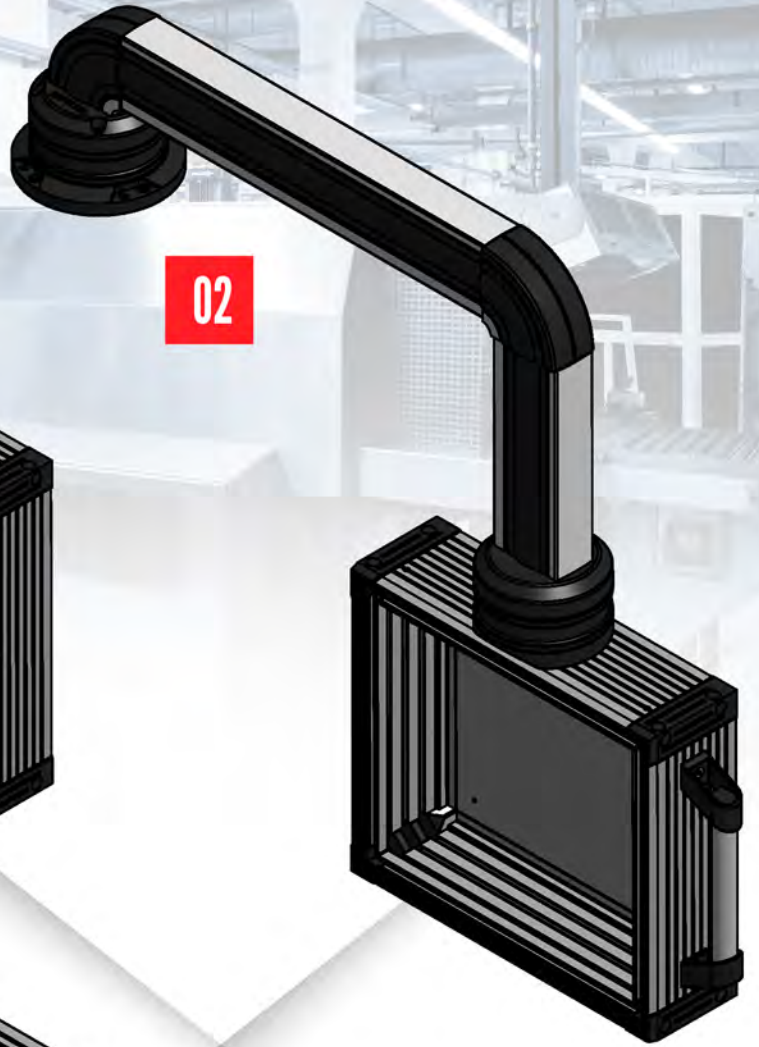
Swing Apparatus



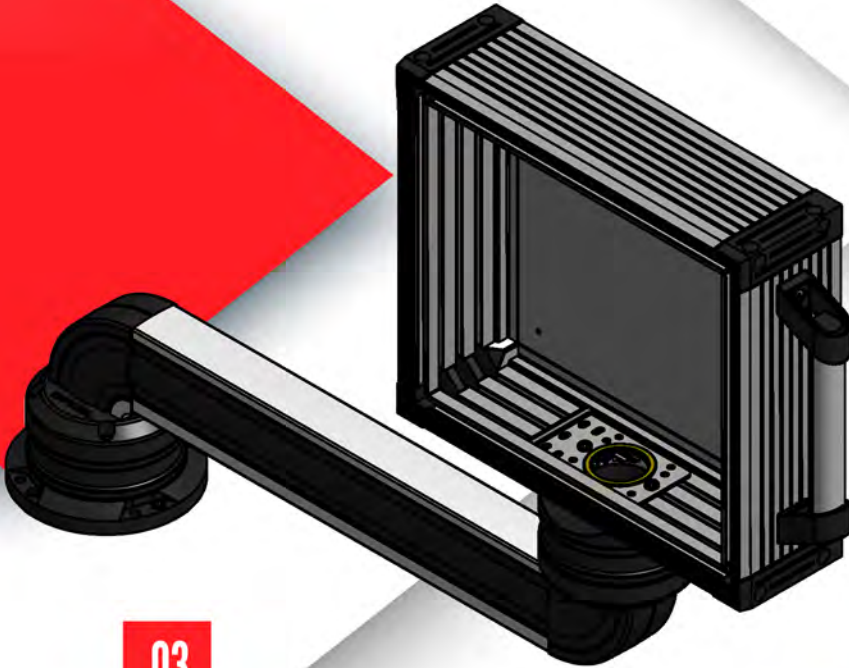
01



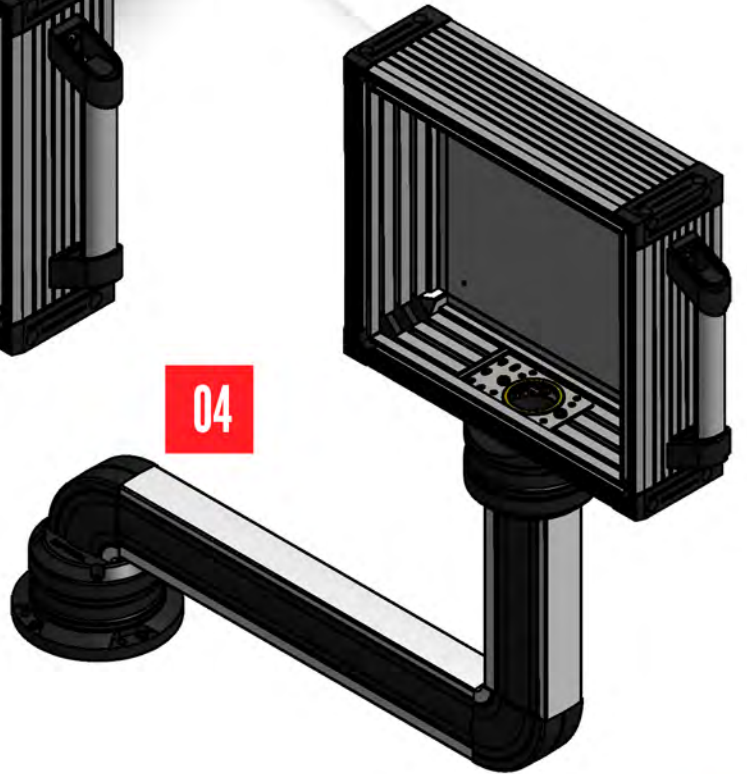
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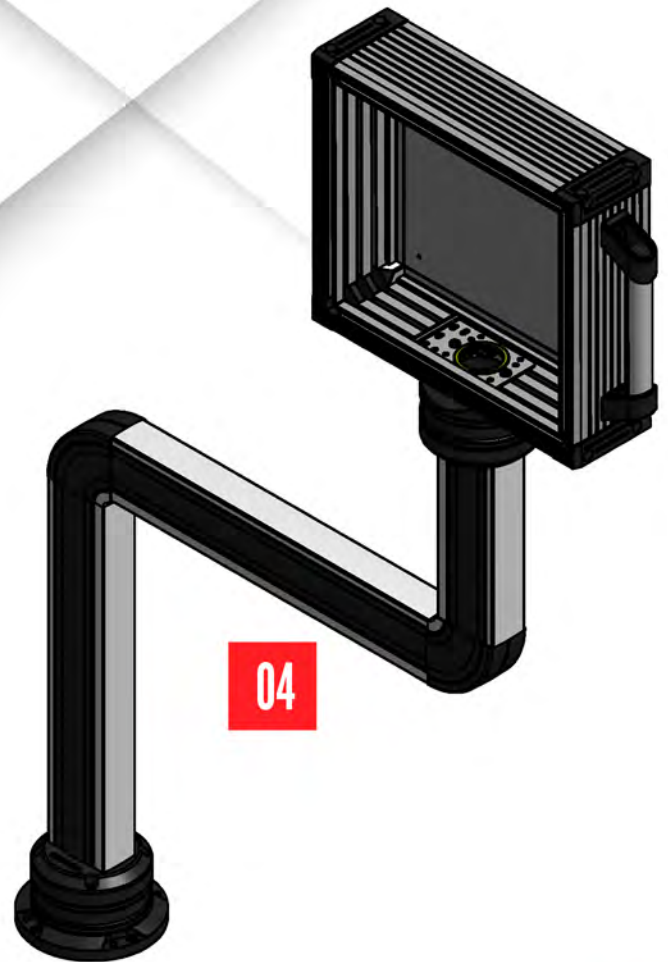
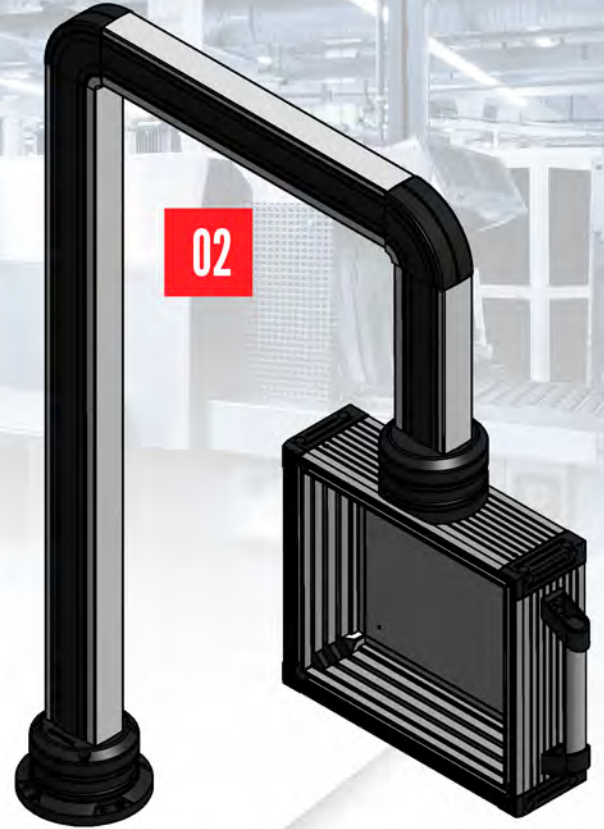
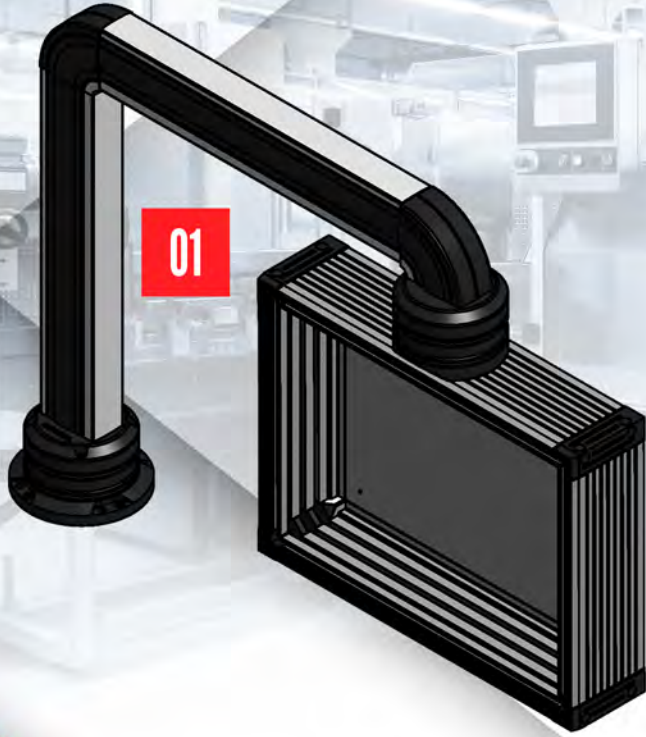


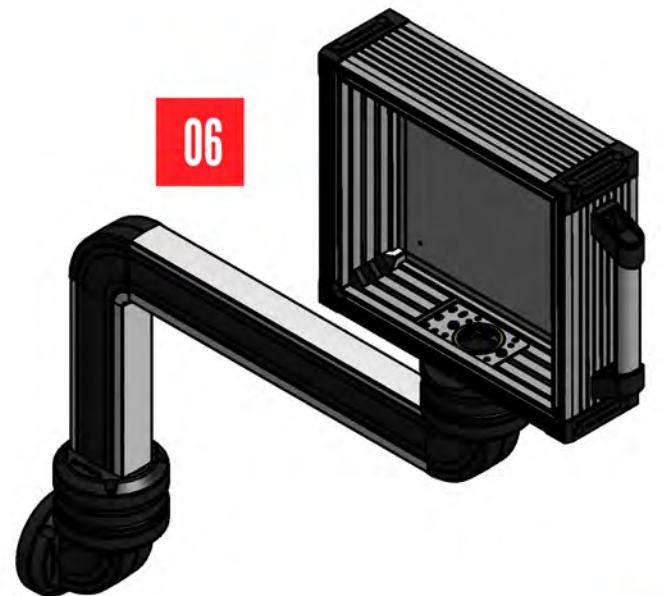
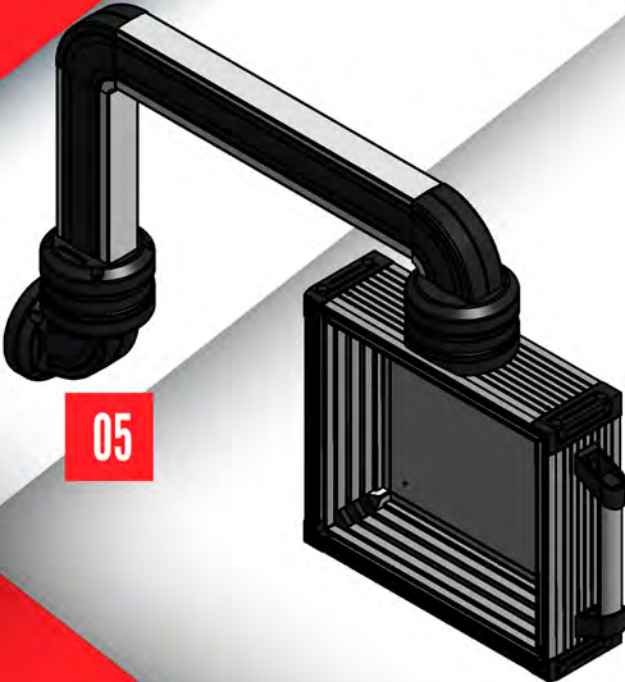
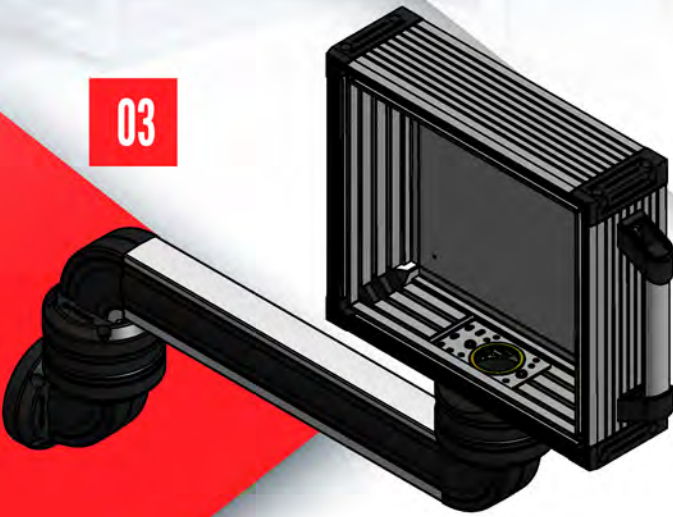
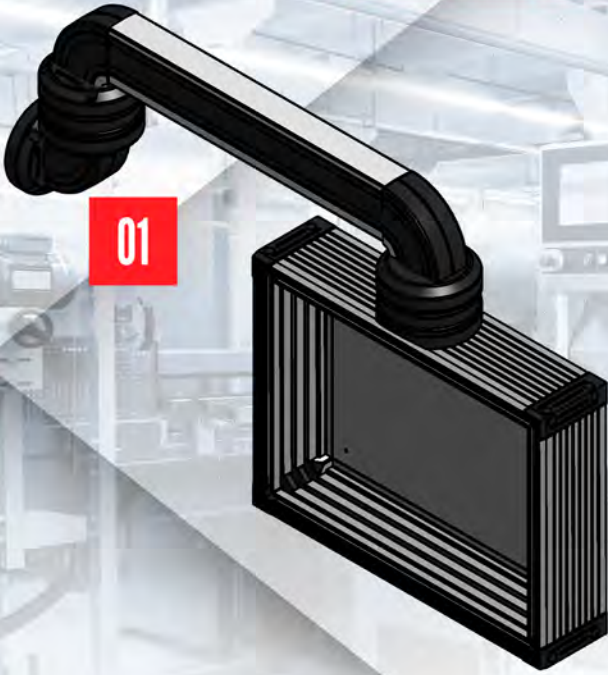
03



04



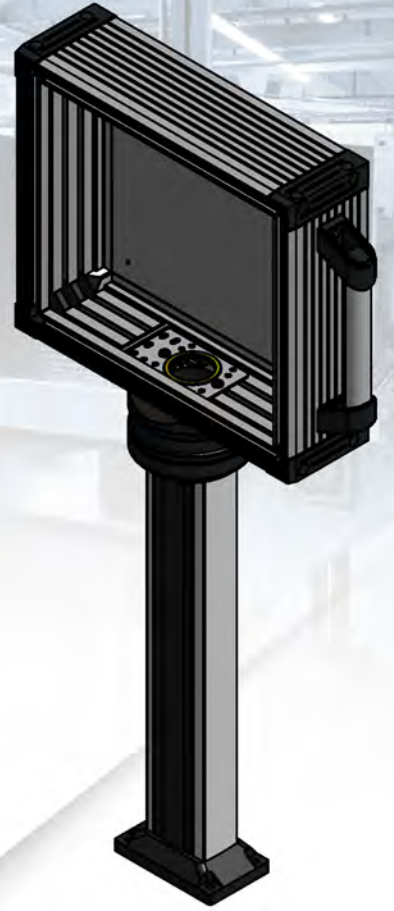




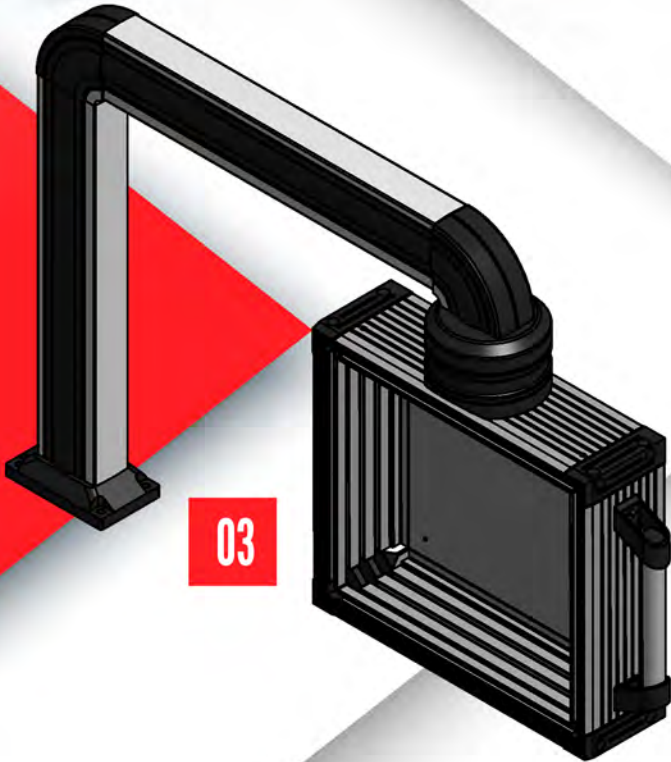
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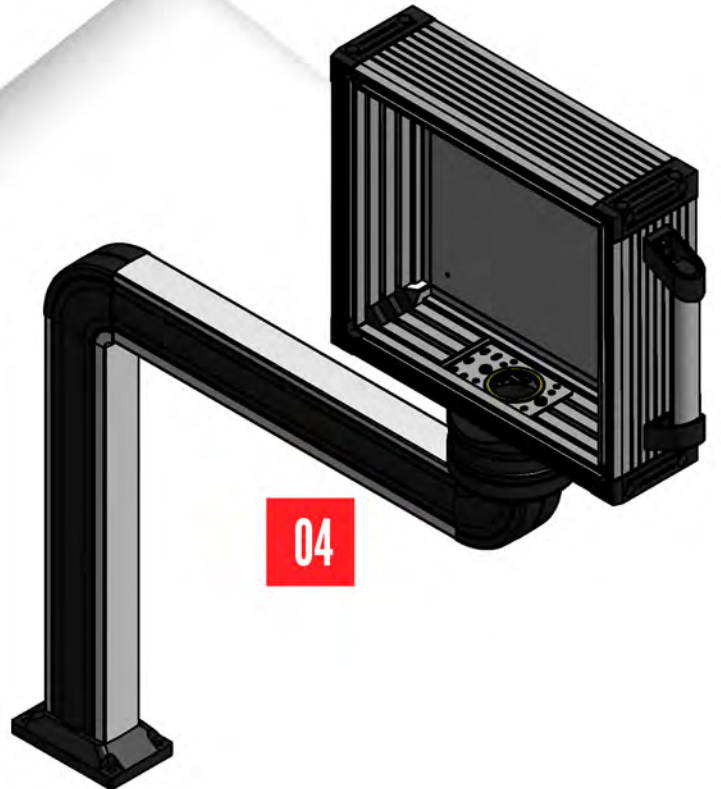
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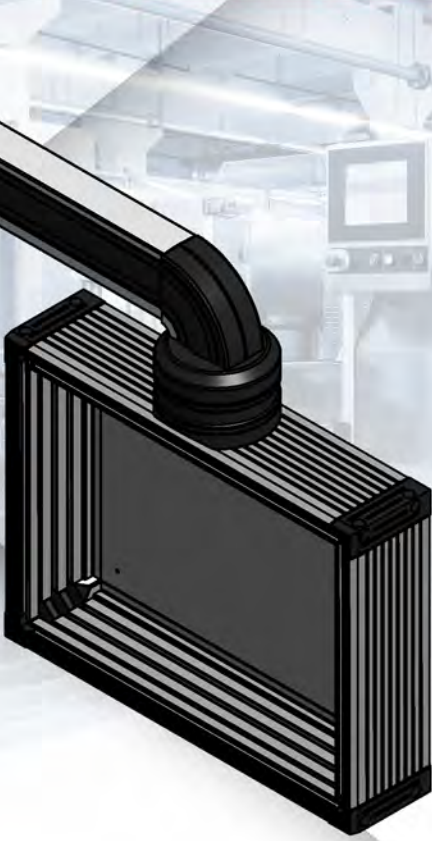
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04



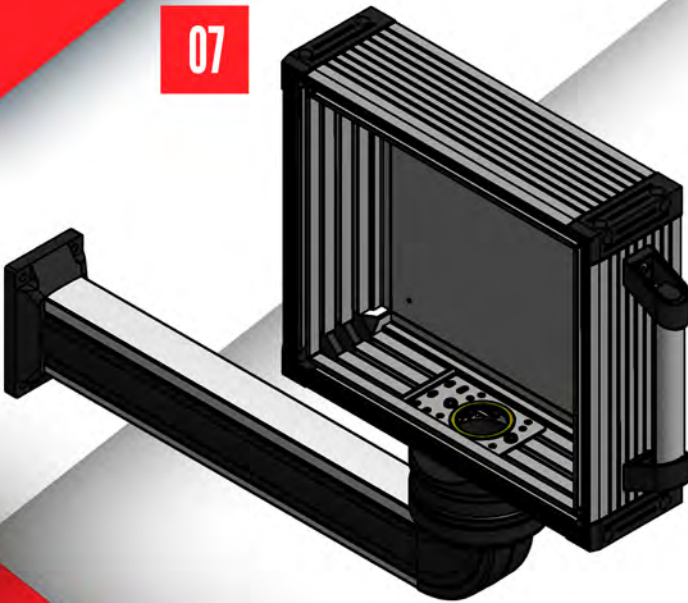
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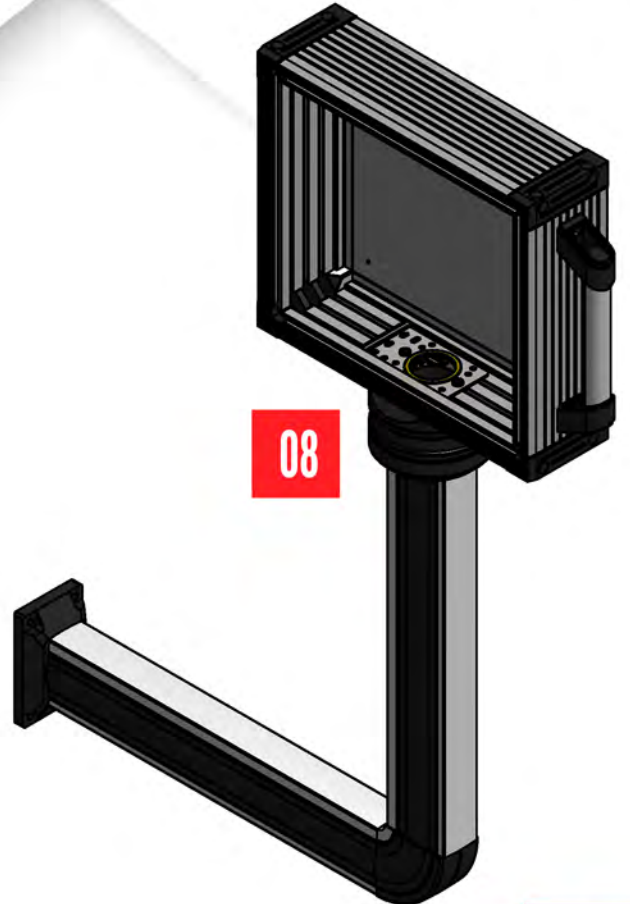
06



07



08



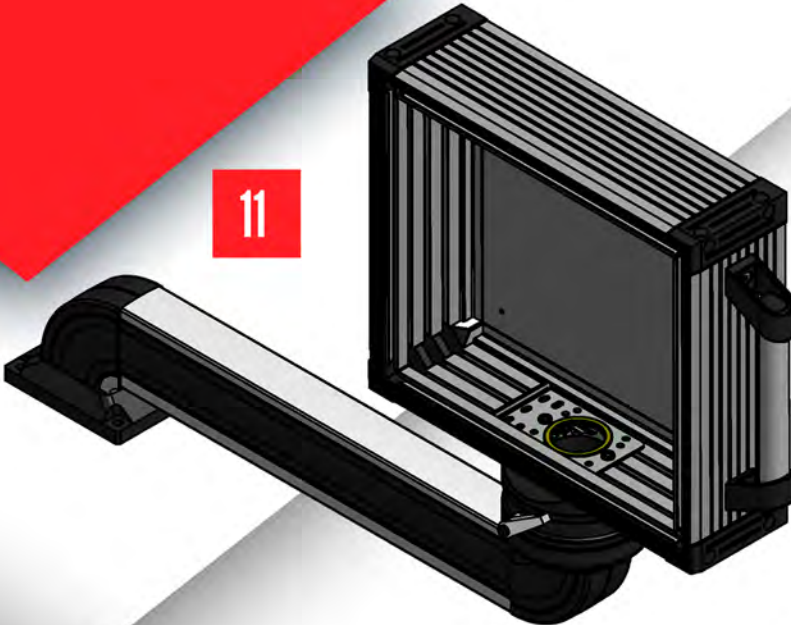
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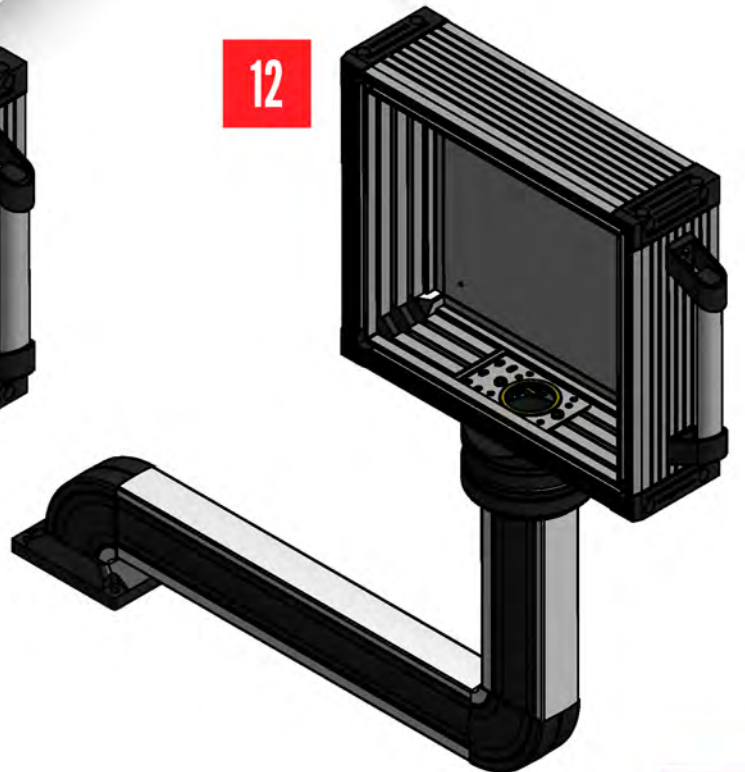
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11



12



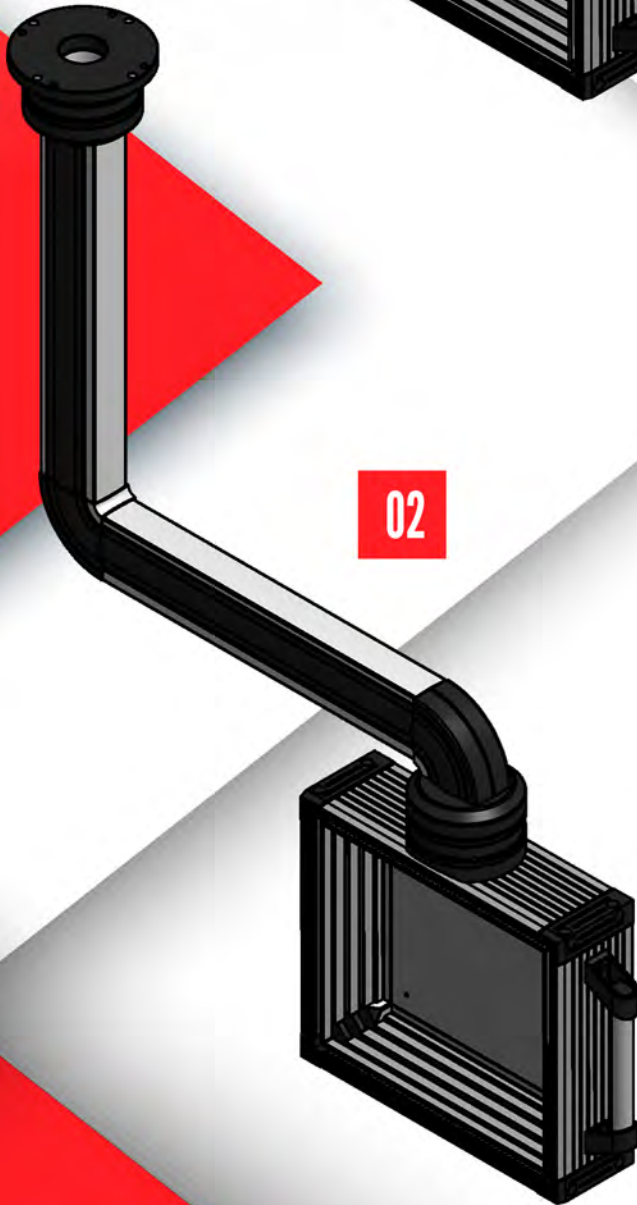
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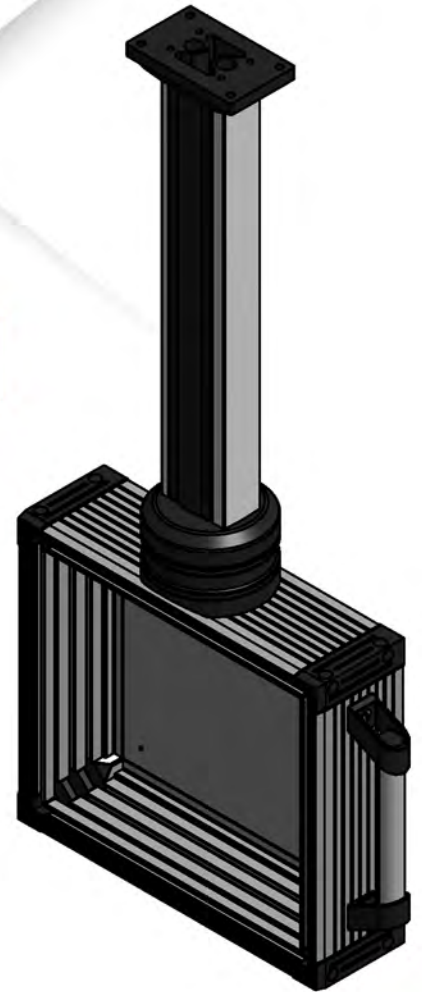
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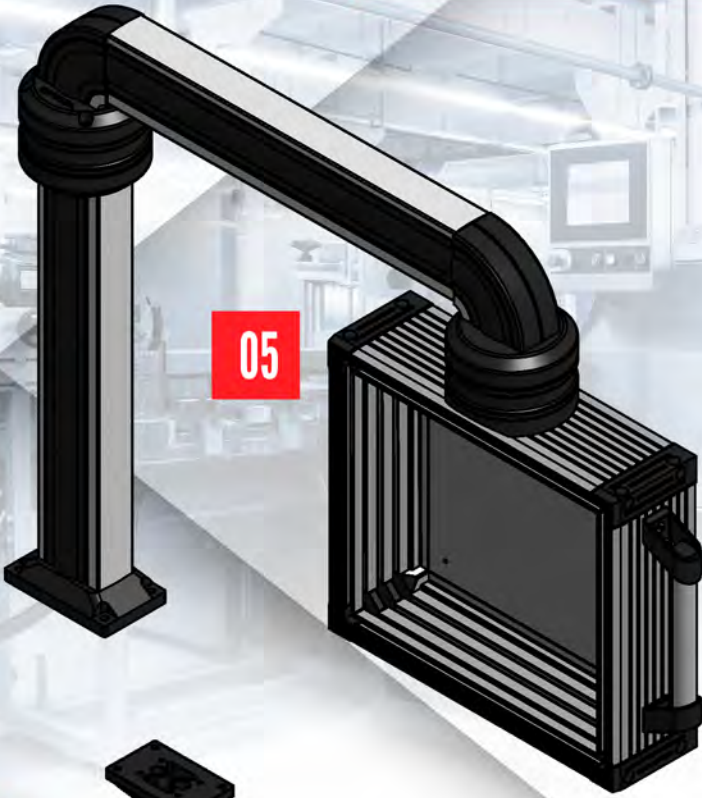


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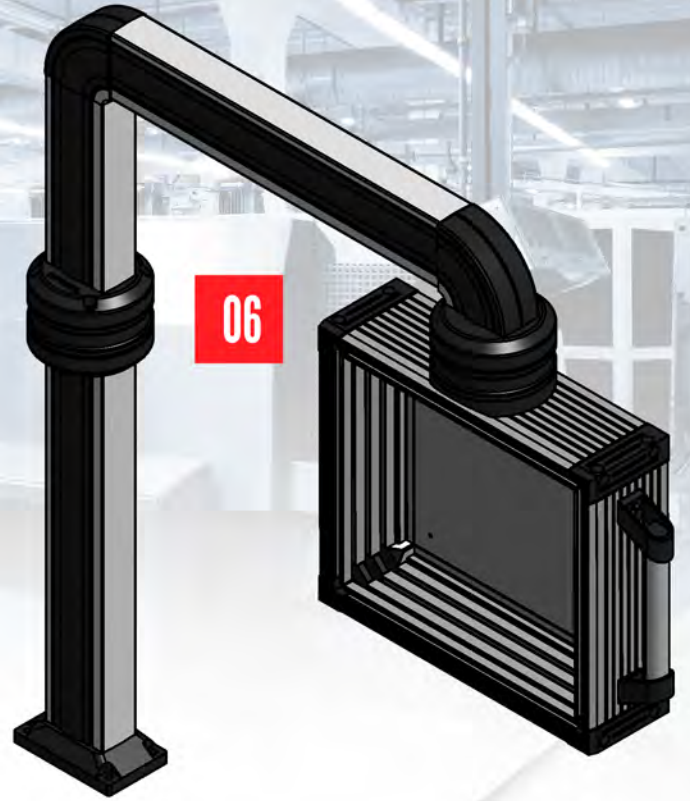


04





05



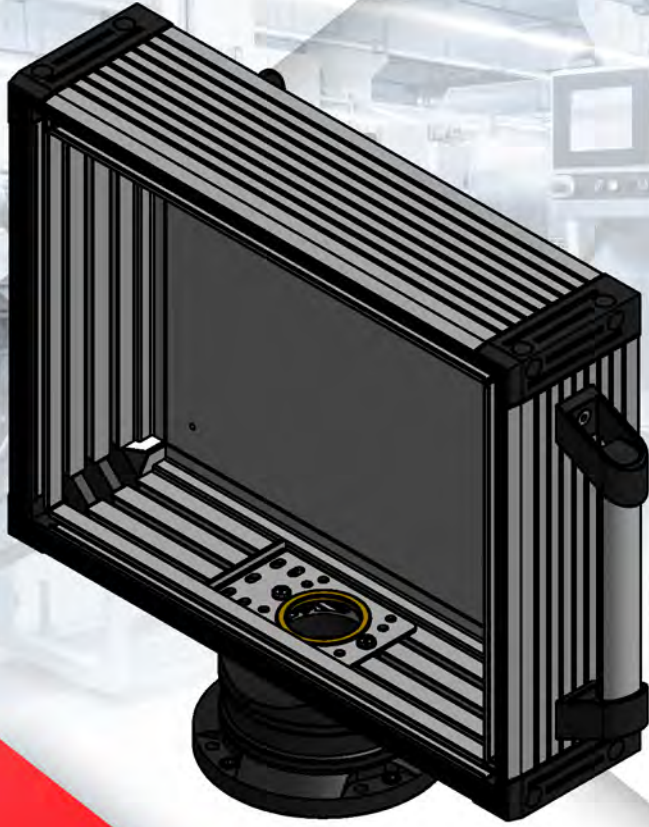
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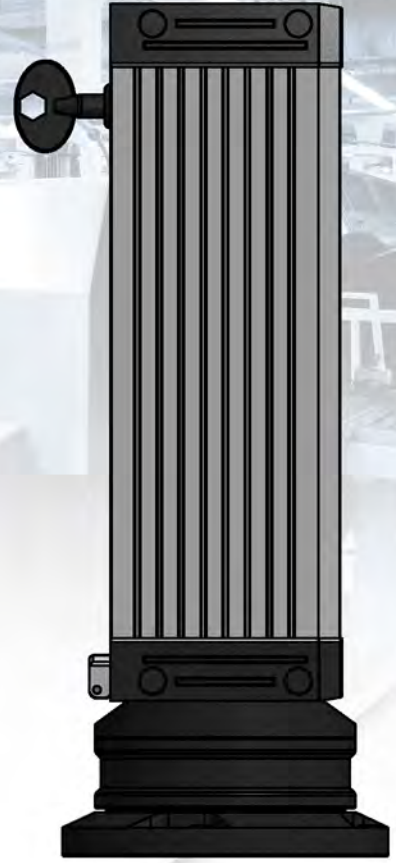
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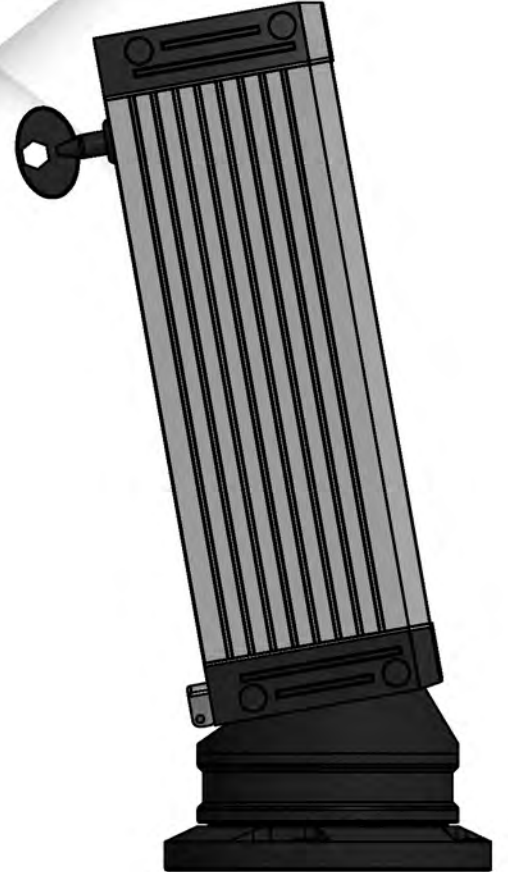
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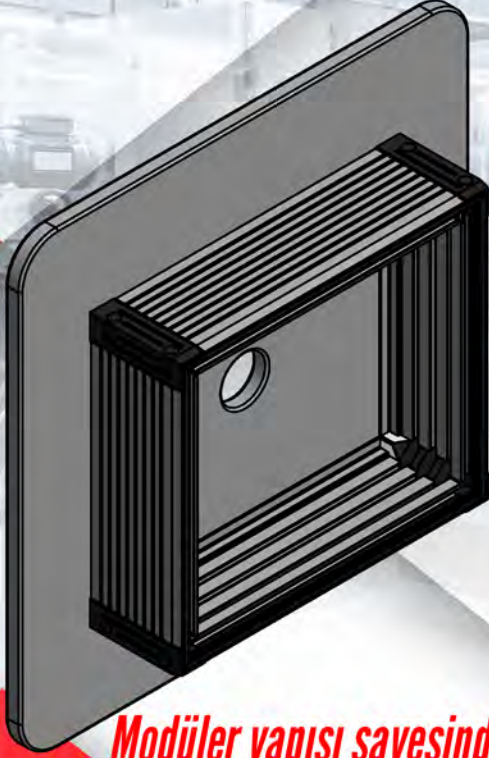
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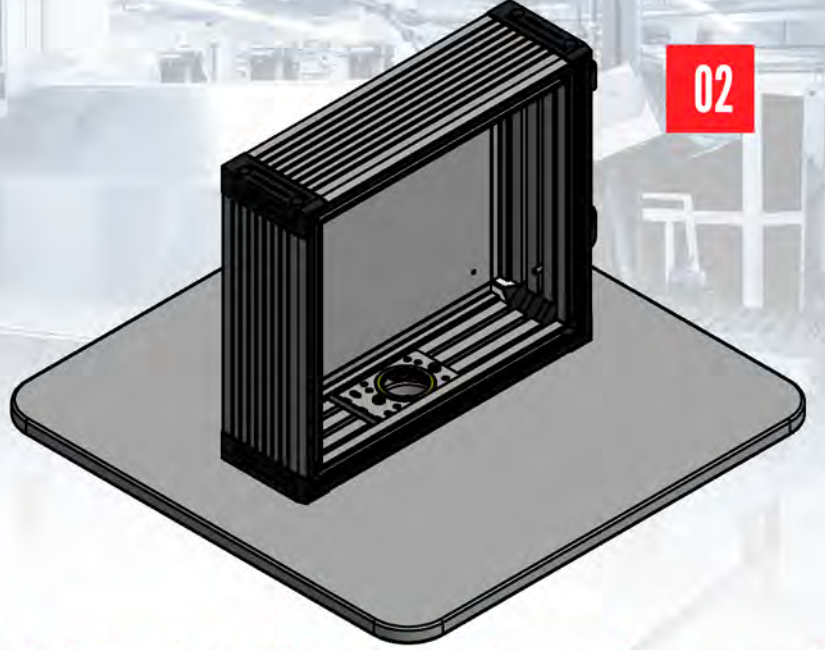
10



01

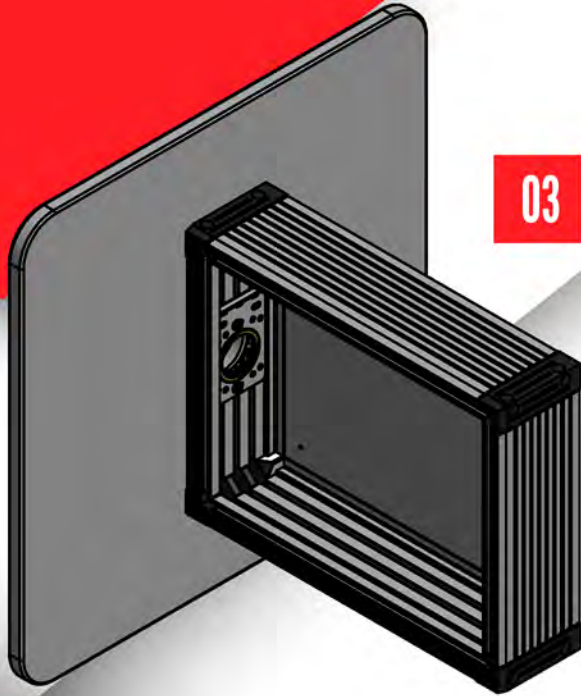


02



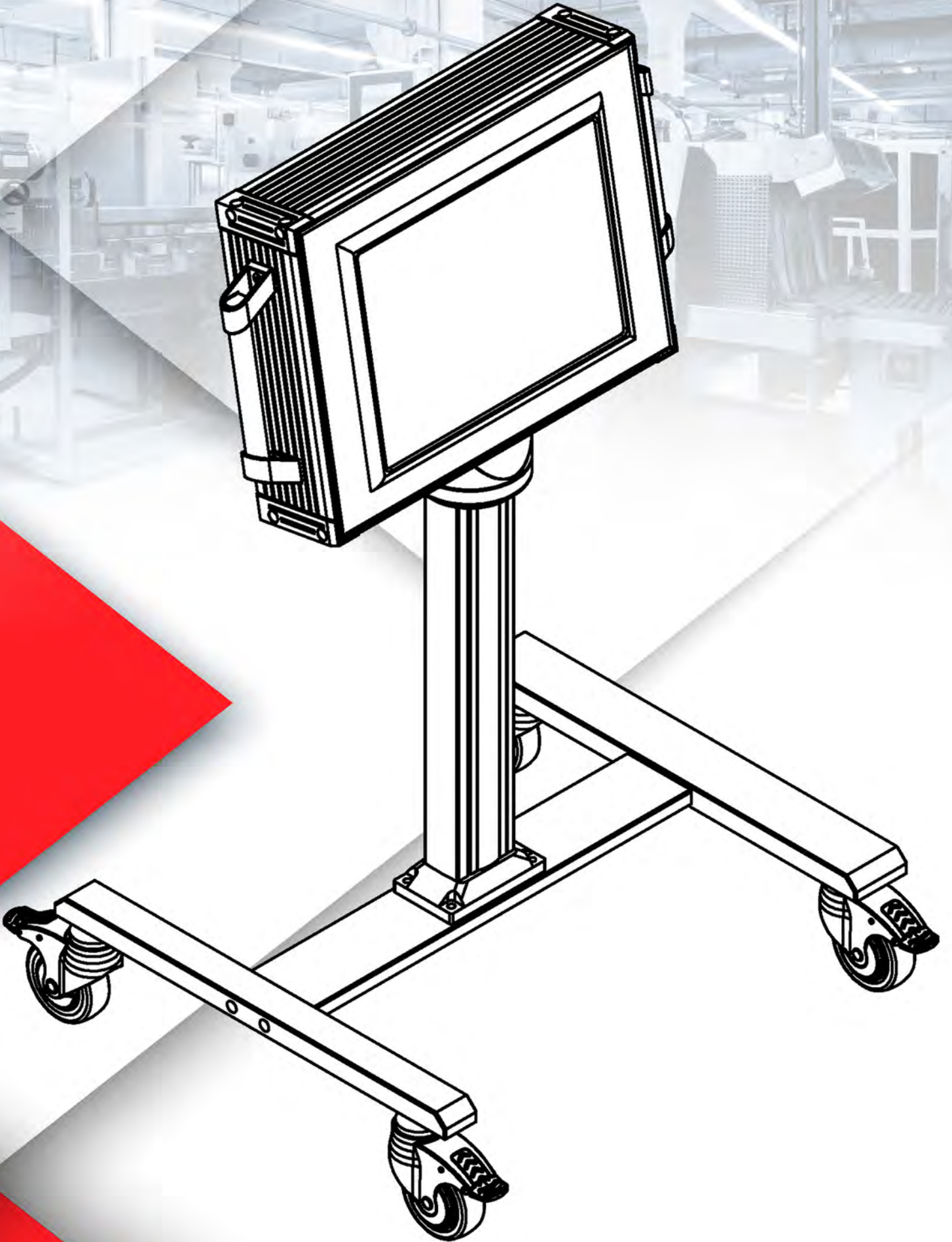
Modüler yapısı sayesinde taşıyıcı kol sistemsiz (sabit) uygulamalarınıza da cevap verir.
Due to its modular structure it is suitable also for your implementations with no carrier arm system (fixed).

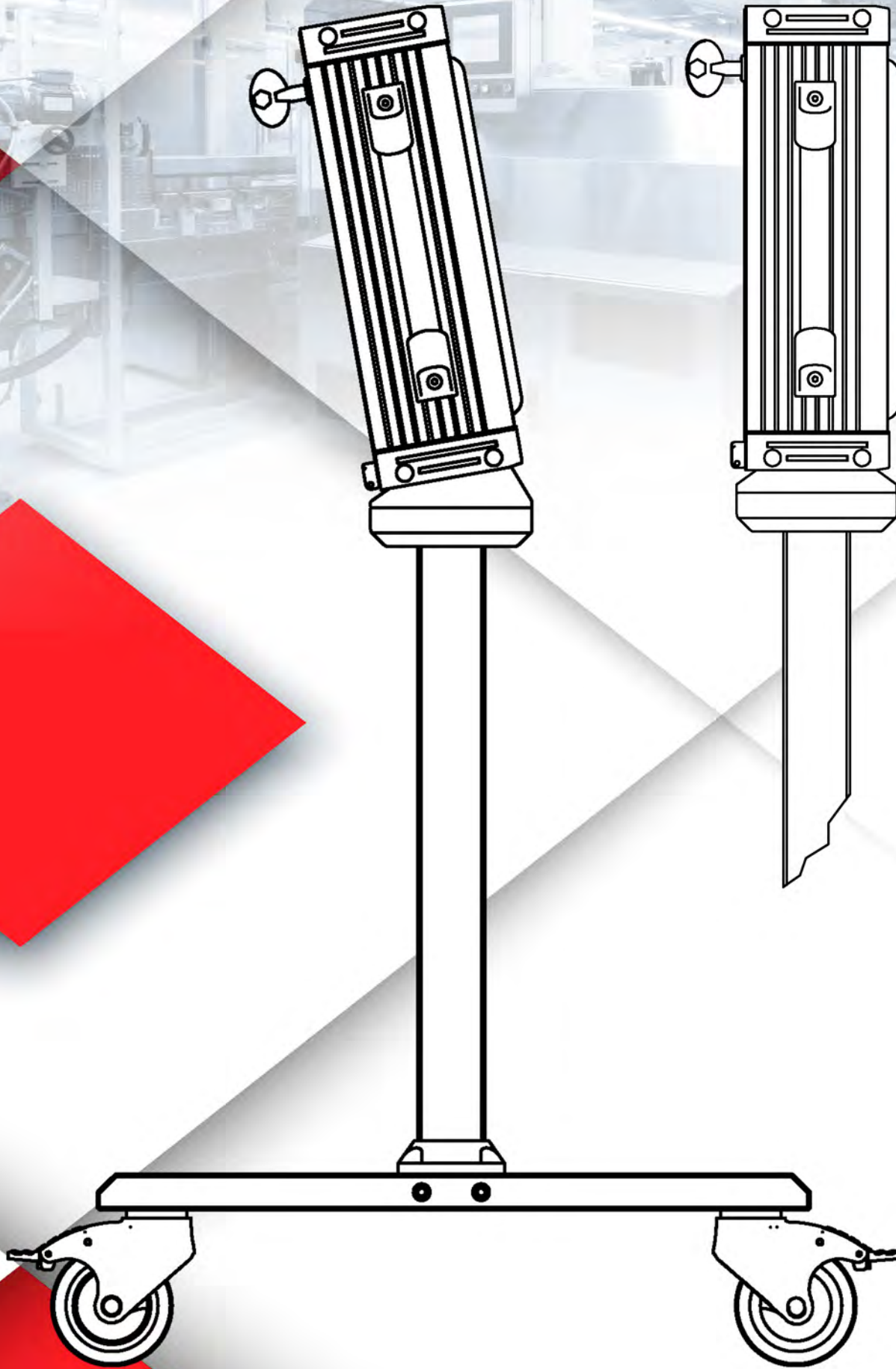
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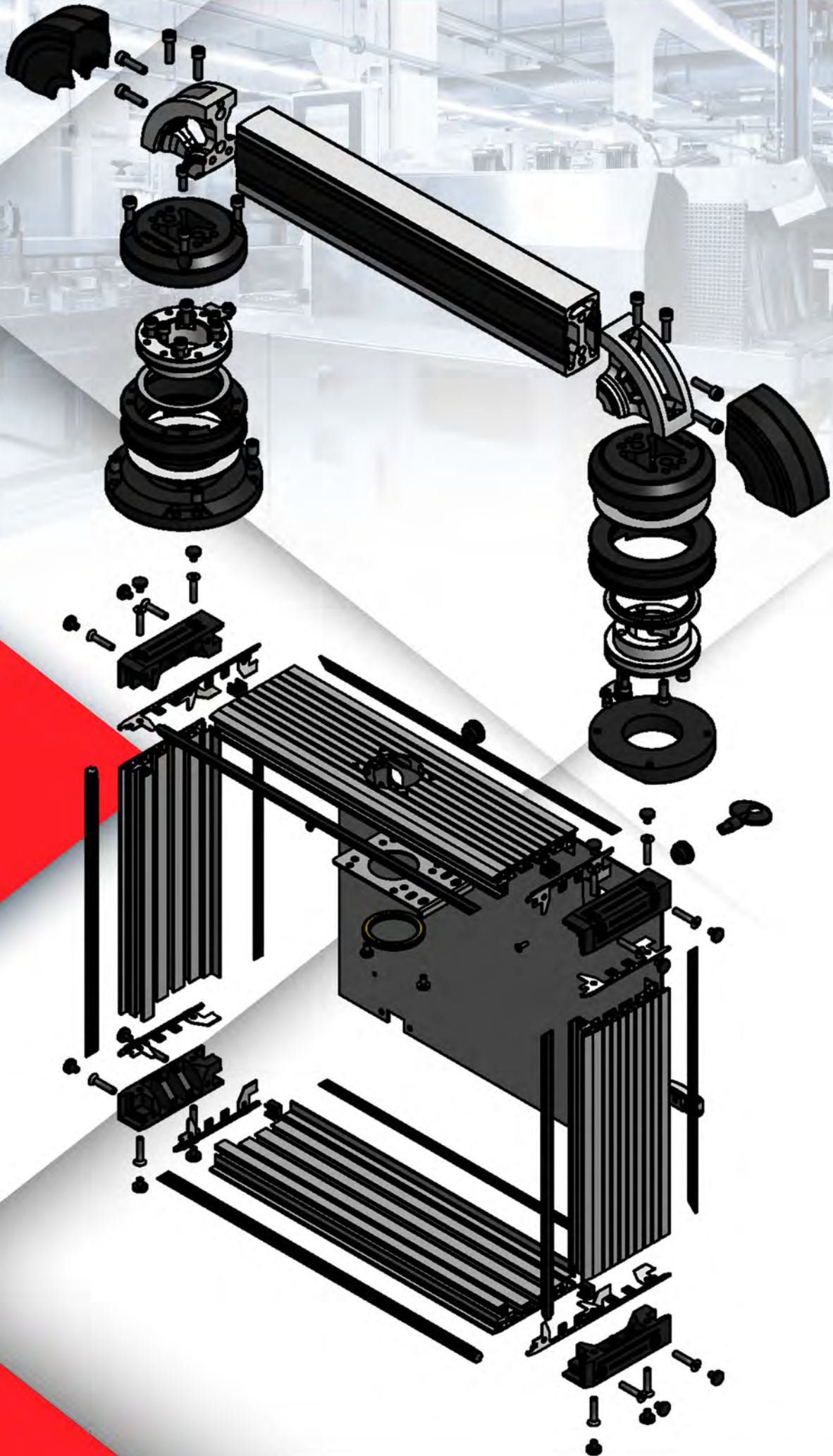


04







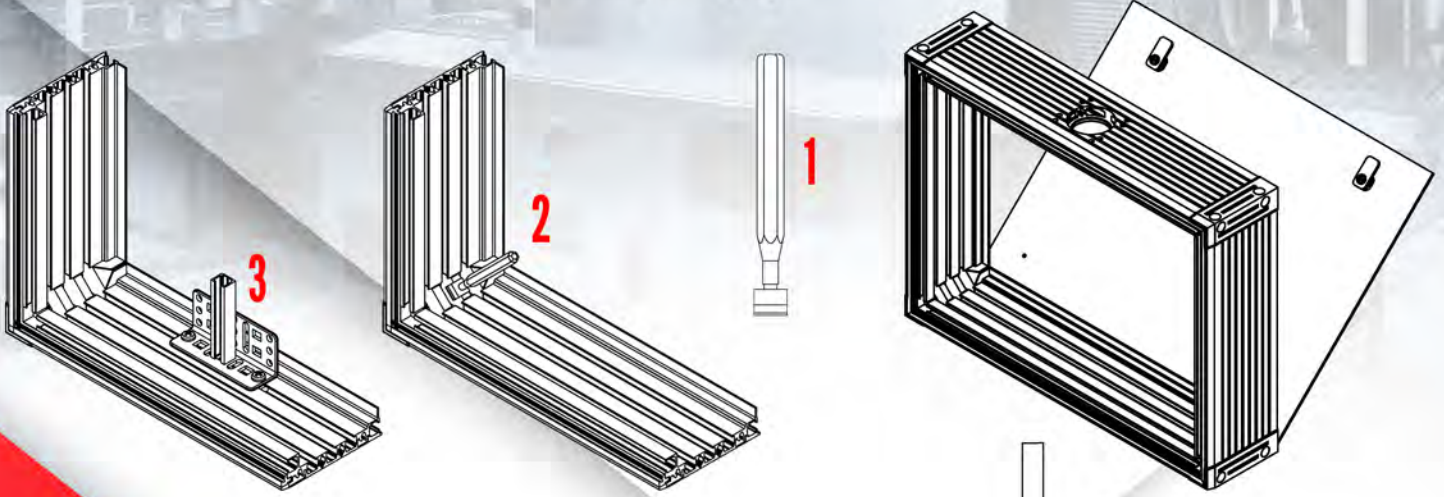


İÇ ÜNİTE MONTAJLAMA

Ambalaj içerisindeki gezer somunları (M5/M6) aparatı yardımı ile köşe kısımlardan kanallara takıp istediğiniz ekipmanı ürün içerisine montajlayabilirsiniz.

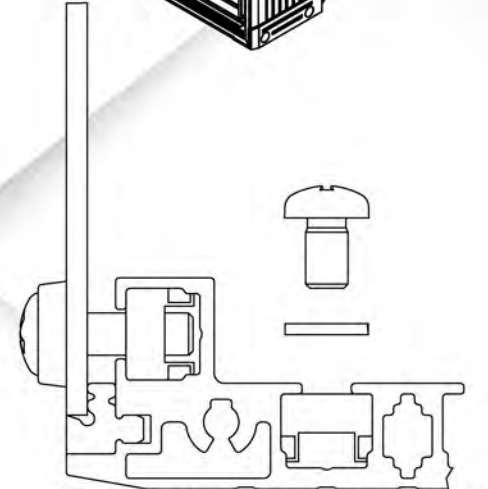
Inside Unit Assembly

You can assemble equipment you want to insert the product into the corners of the channel with the help of the apparatus (MB/M6) floating in the nuts packaging.

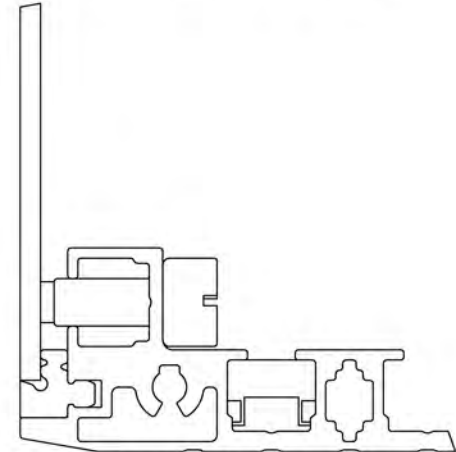


- ☒ Şık tasarım
- ☒ İstenilen ölçüde özel üretim
- ☒ Açılır arka kapak
- ☒ Modüler ön kapak
- ☒ %100 alüminyum
- ☒ Eloksal kaplama
- ☒ Modüler yapısı sayesinde taşıyıcı kol systemsiz uygulamalarınıza da cevap verir.
- ☒ %100 yerli üretim

- ☒ Stylish design
- ☒ Desired degree of specialized
- ☒ Production
- ☒ Openable back cover
- ☒ Modular front cover
- ☒ %100 Alüminium
- ☒ Anodized covering
- ☒ %100 domestic production

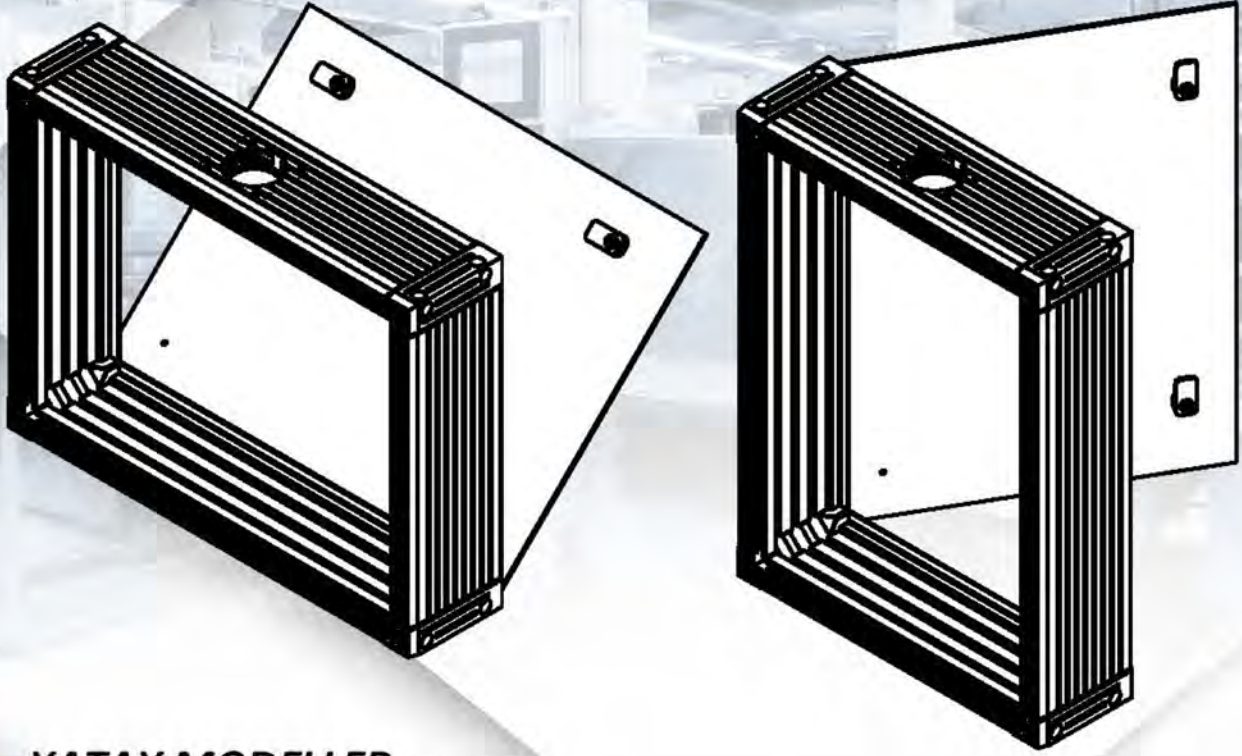


ÖN KAPAK BAĞLAMA ŞEKİL 1
Front Cover Covering Method 1



ÖN KAPAK BAĞLAMA ŞEKİL 2
Front Cover Covering Method 2

INDUSTRIAL CONTROL PANEL ENCLOSURE



YATAY MODELLER Horizontal Models

Dıştan dışa ölçüler Outsides Measures			Kullanılabilir alan ölçüleri'ni Baz alınız. Please base on usable surface measures.			
Genişlik mm G	Yükseklik mm Y	Derinlik mm D	Genişlik mm G	Yükseklik mm Y	Derinlik mm D	MODEL NO. OPK OPERATÖR KONTROL KABİNİ
520	390	120	460	330	112	OPK 1816
460	360	120	400	300	112	OPK 1818
410	360	120	350	300	112	OPK 1820
360	310	120	300	250	112	OPK 1822

DİKEY MODELLER Vertical Models

Dıştan dışa ölçüler Outsides Measures			Kullanılabilir alan ölçüleri'ni Baz alınız. Please base on usable surface measures.			
Genişlik mm G	Yükseklik mm Y	Derinlik mm D	Genişlik mm G	Yükseklik mm Y	Derinlik mm D	MODEL NO. OPK OPERATÖR KONTROL KABİNİ
390	520	120	330	460	112	OPK 1824
360	460	120	300	400	112	OPK 1826
360	410	120	300	350	112	OPK 1828
310	360	120	250	300	112	OPK 1830

Farklı ölçü ve uygulama seçeneklerimiz için bizimle temasa geçiniz.

OPKOL Hakkında;

Firmamız 2004 yılında İstanbul İkitelli Organize Sanayi Bölgesinde kurulmuştur. Opkol firması, otomotiv, makine, elektrik endüstrilerine yönelik yüksek kaliteli mamül ve yarı mamül üretimi yapmaktadır.

About OPKOL;

Our company was established in Istanbul İkitelli Organized Industrial Zone in 2004. Opkol Company, is making high qualified finished and semifinished products for Automotive, Machinery and Electrical Industries.



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